

Fig. 1

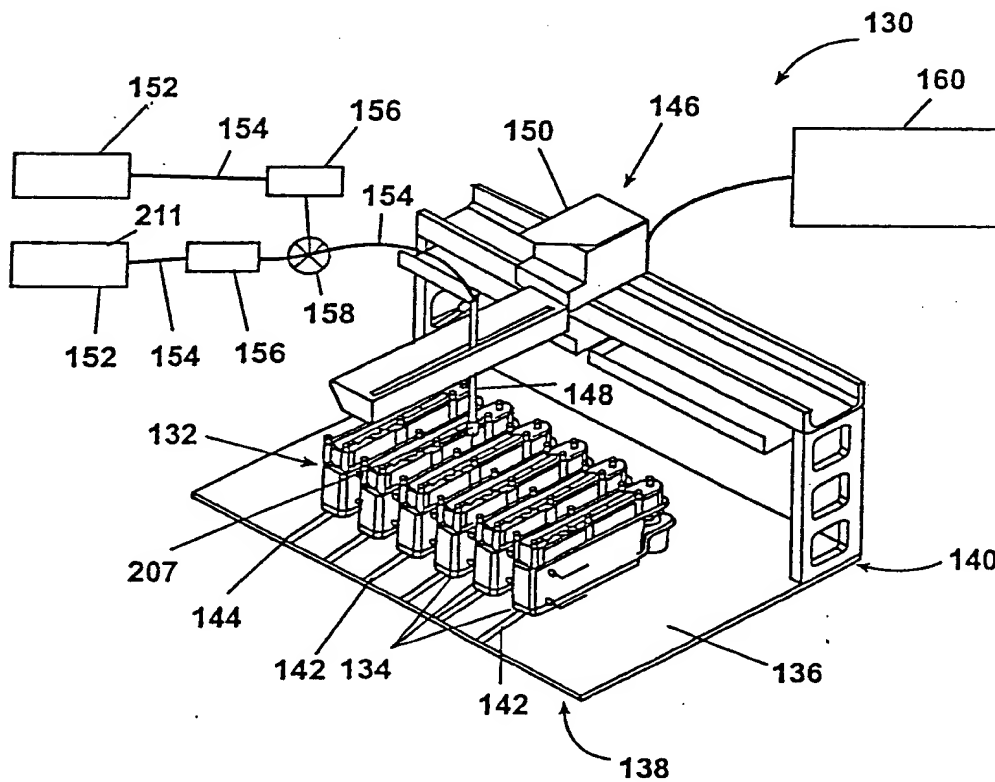


Fig. 2

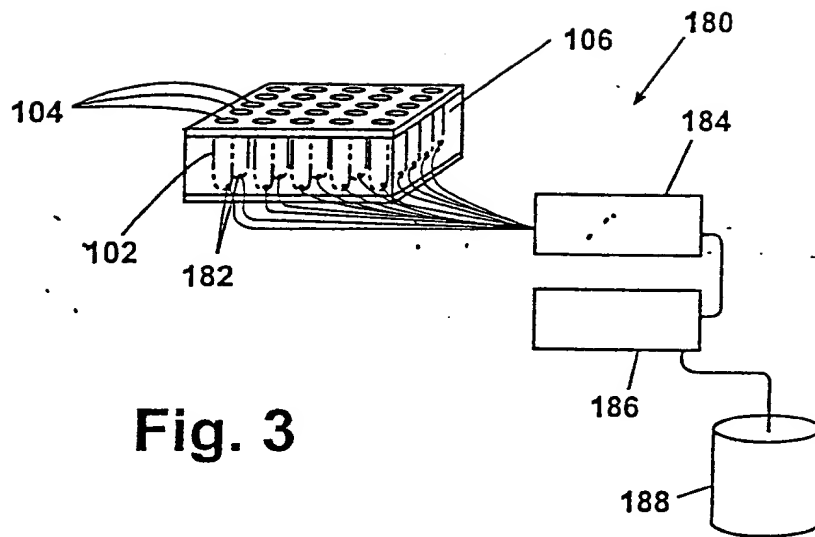


Fig. 3

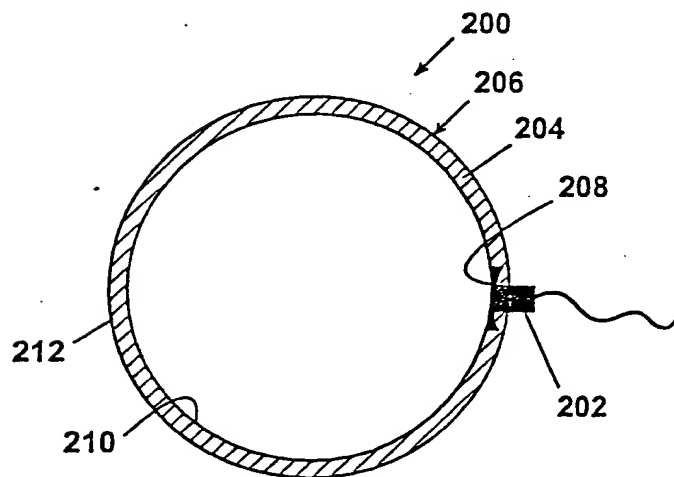


Fig. 4

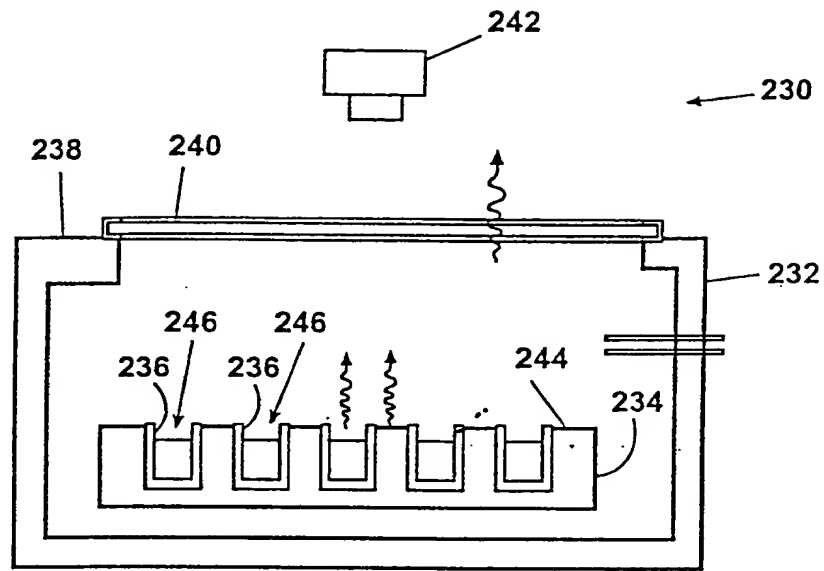


Fig. 5

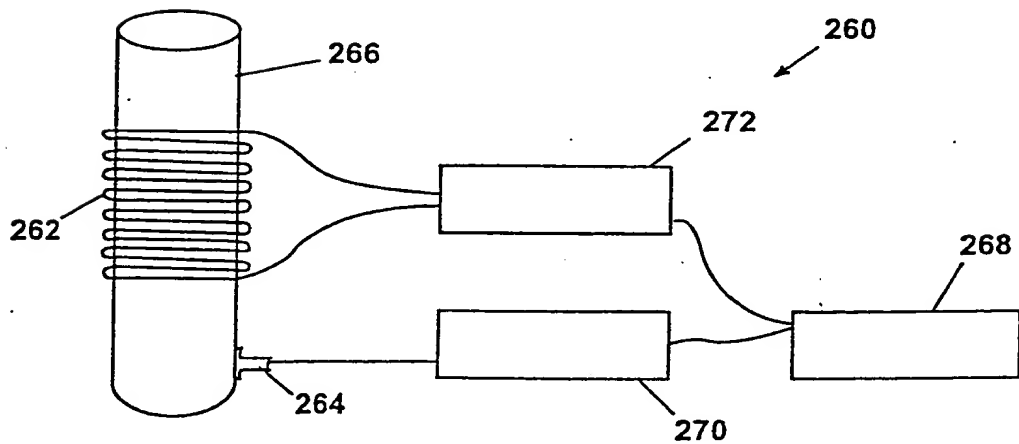


Fig. 6

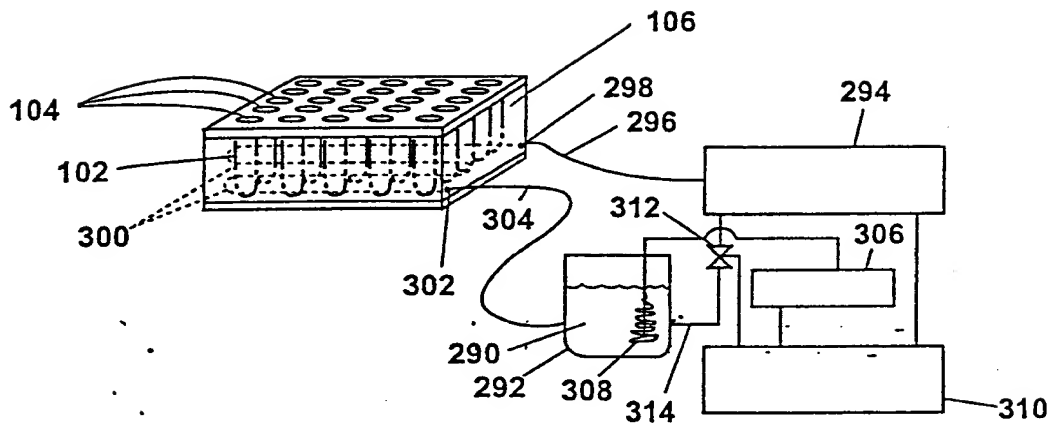


Fig. 7

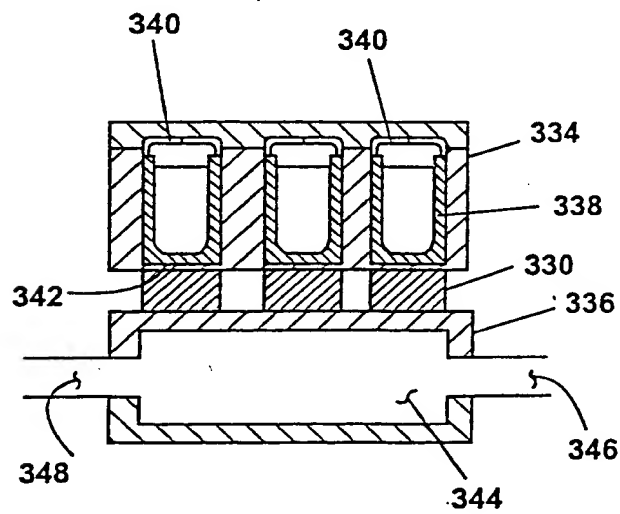


Fig. 8

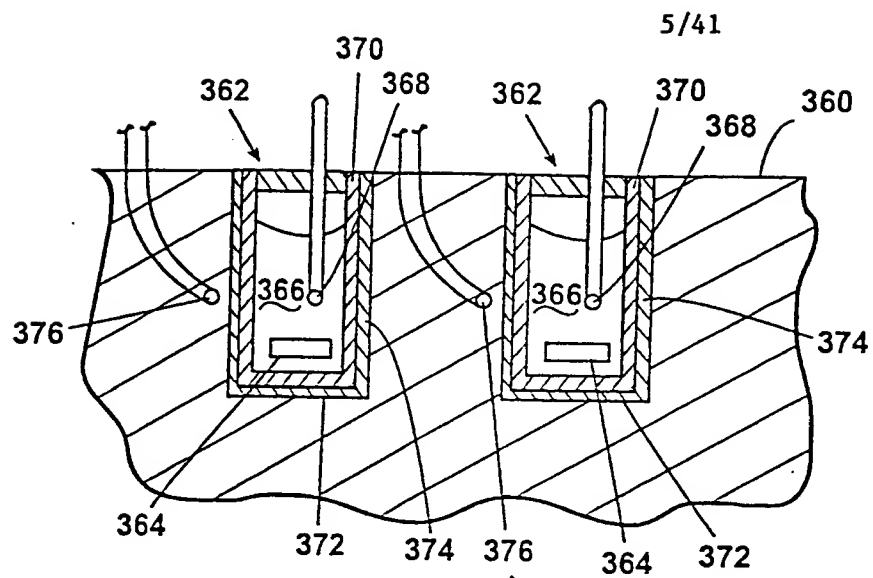


Fig. 9

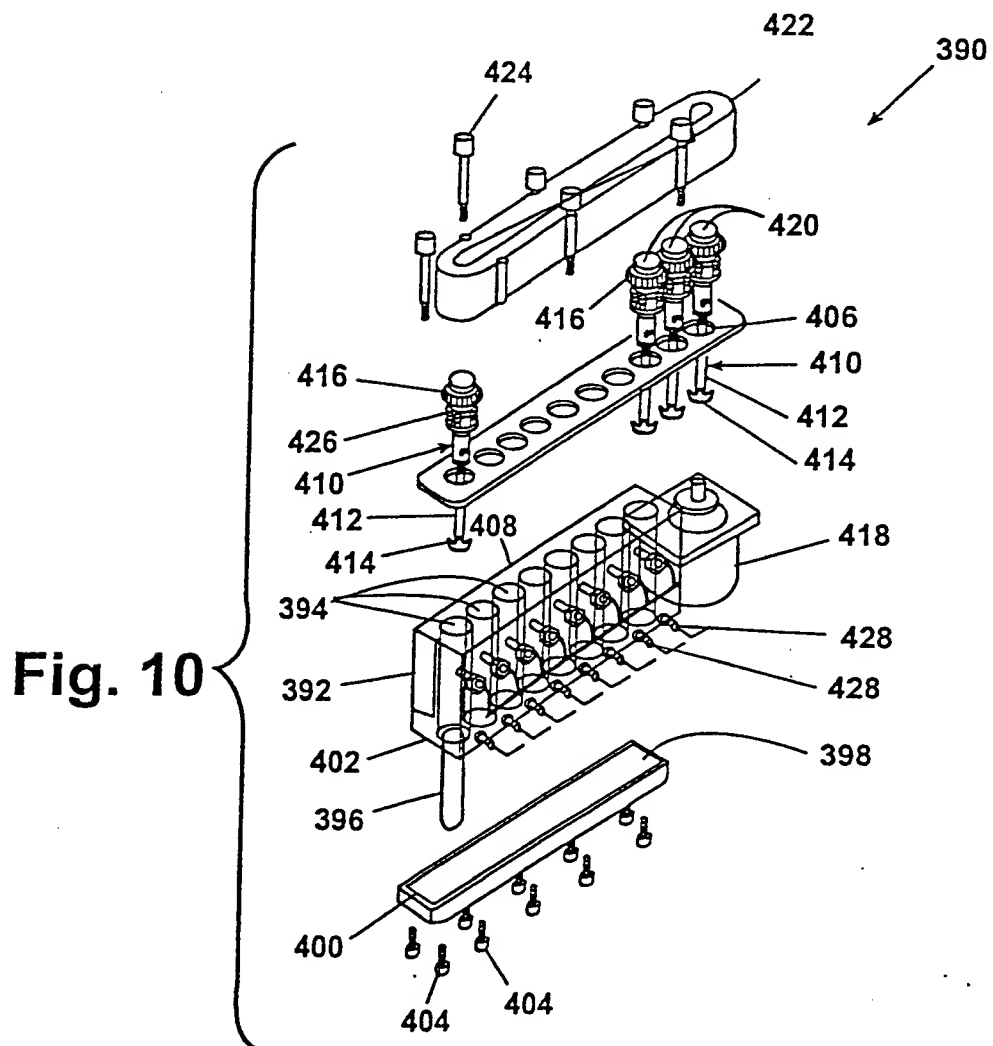


Fig. 10

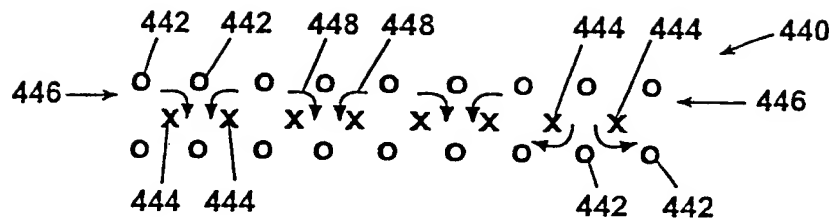


Fig. 11

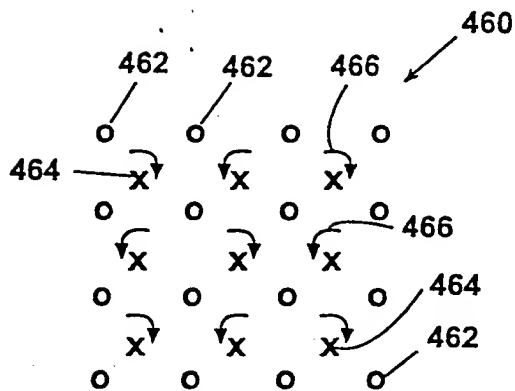


Fig. 12

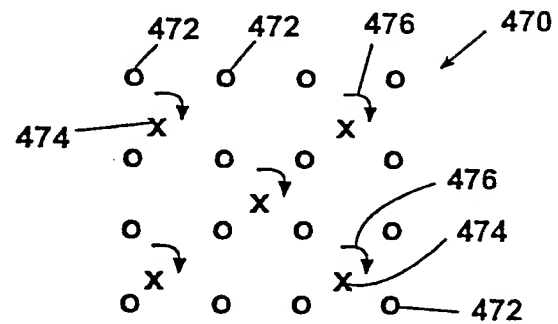


Fig. 13

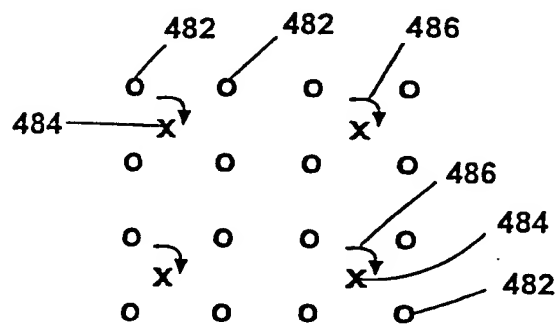
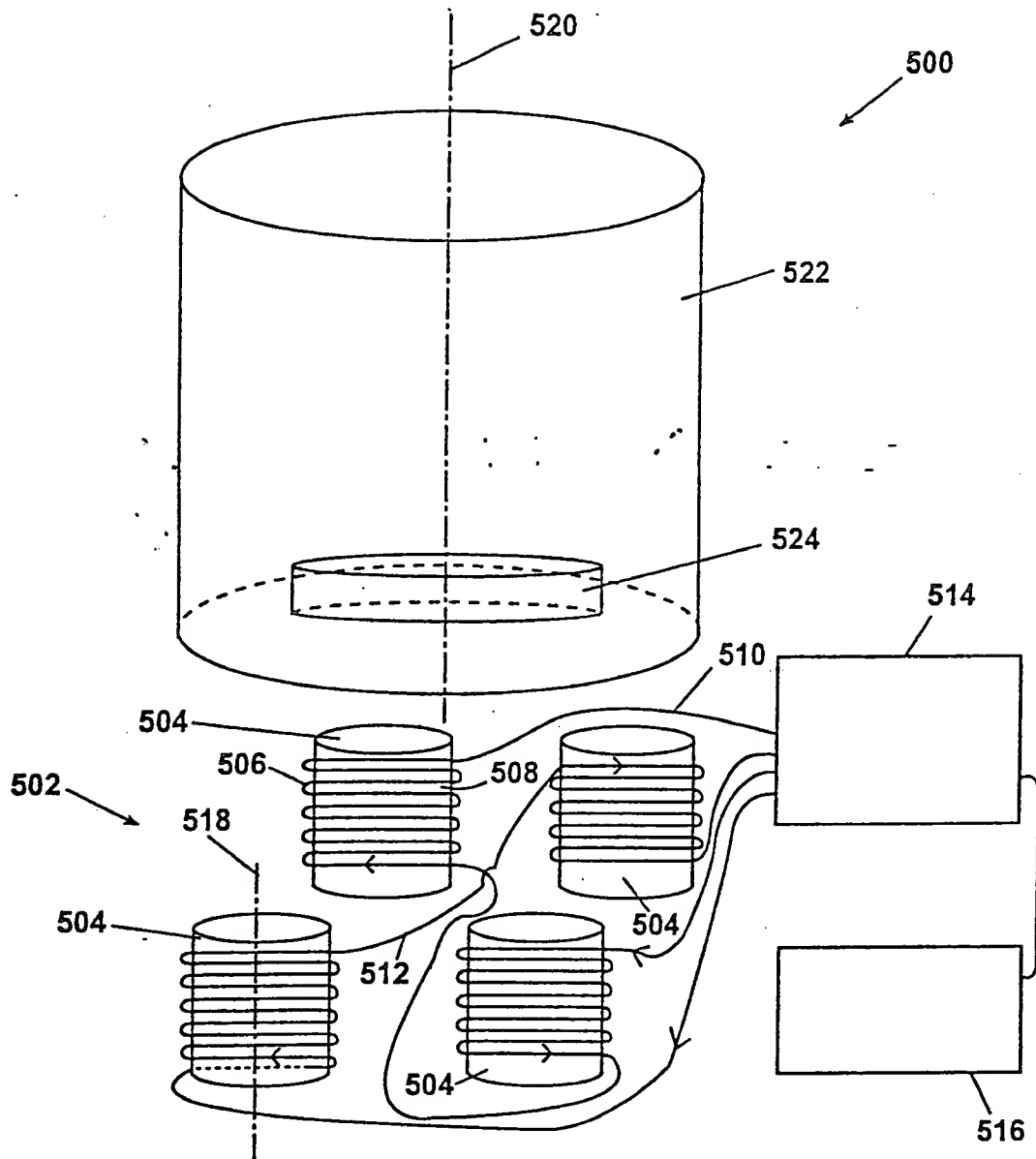


Fig. 14

**Fig. 15**

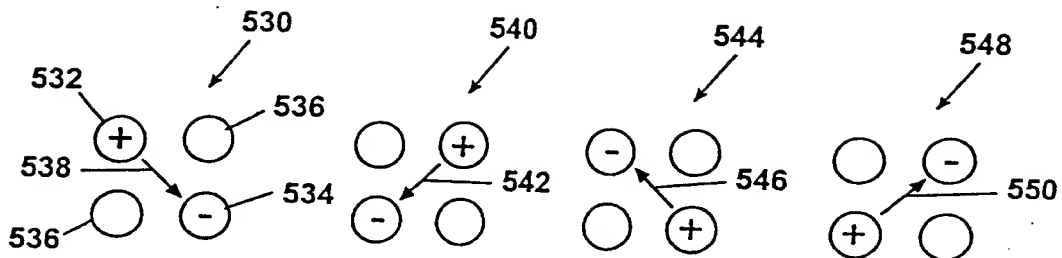


Fig. 16

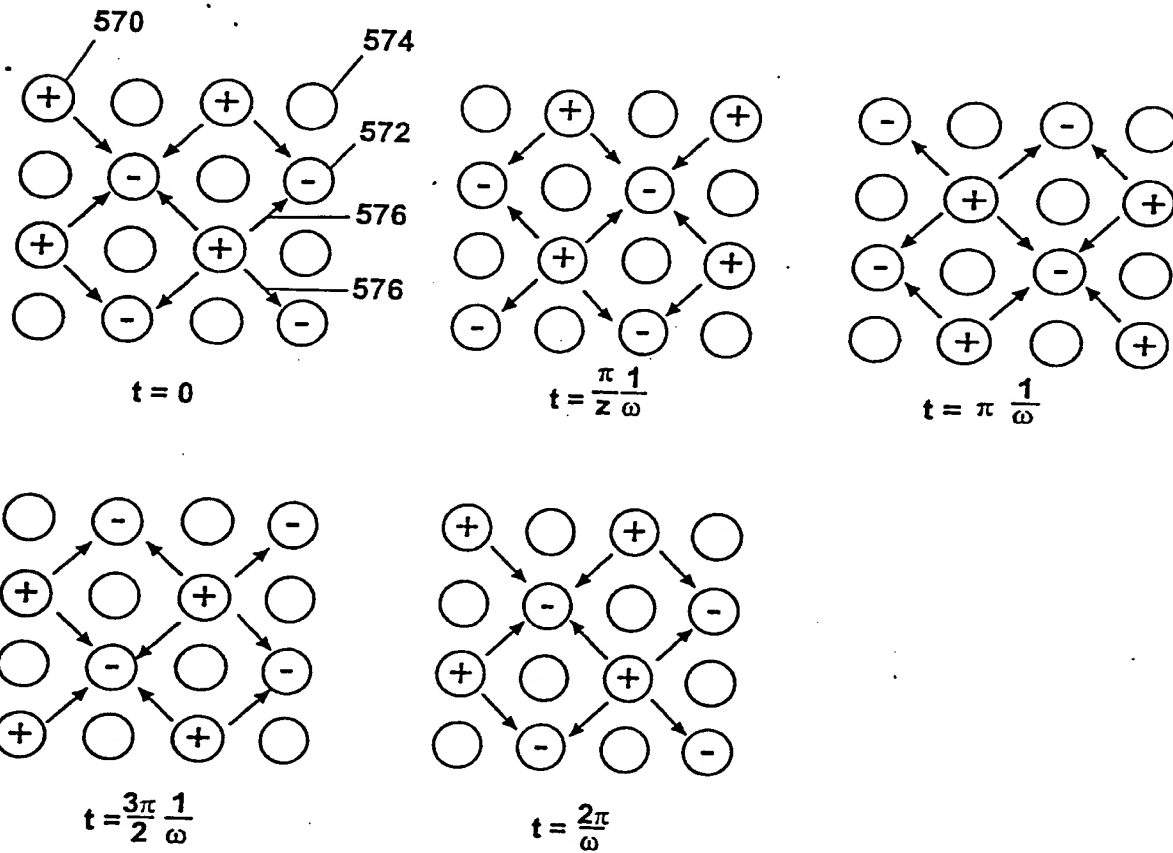


Fig. 17



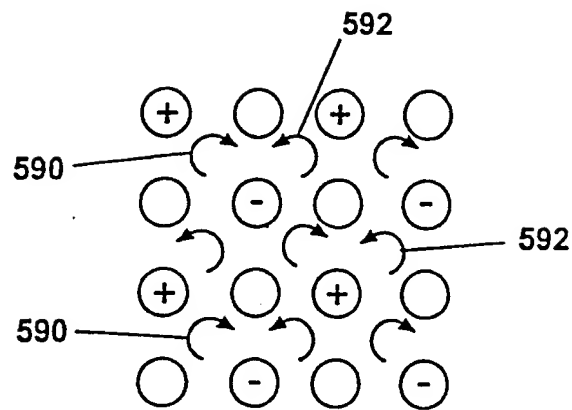


Fig. 18

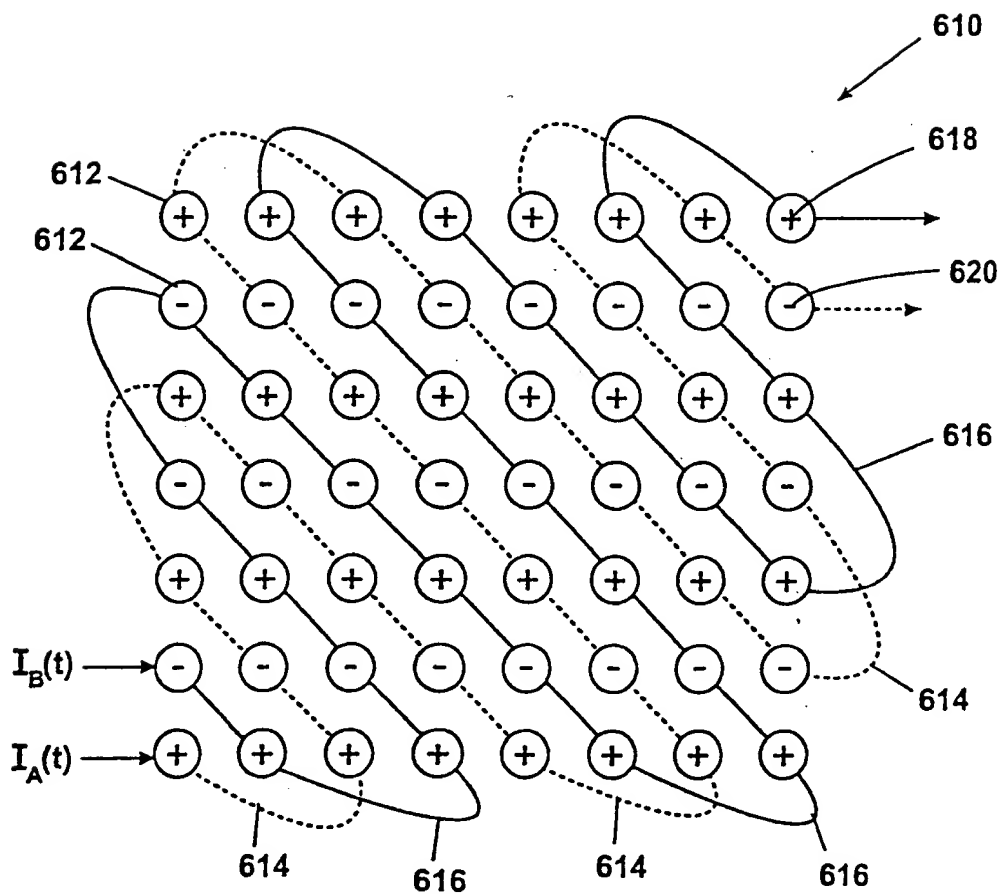
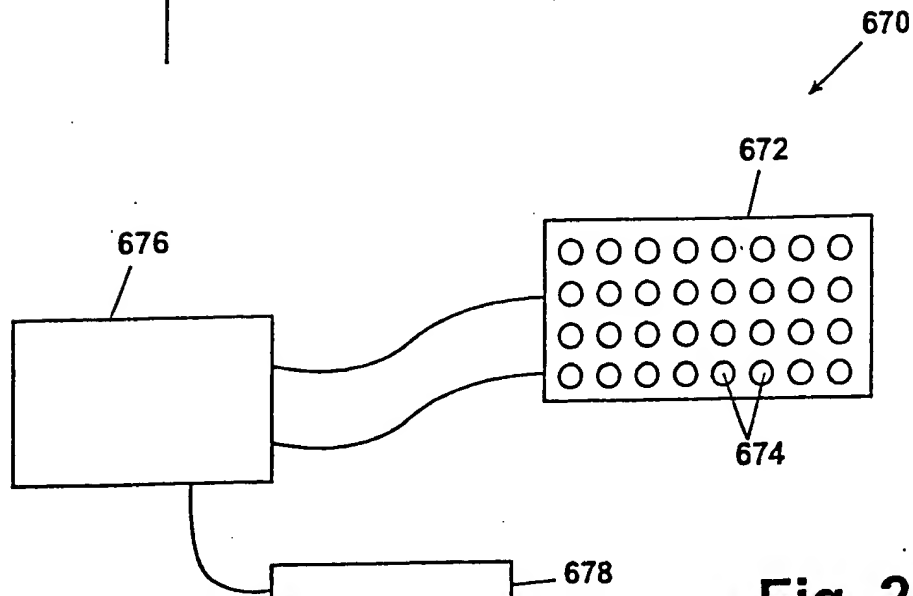
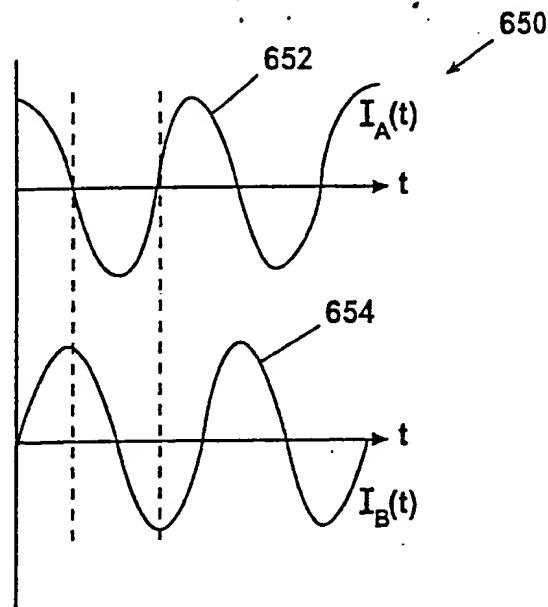
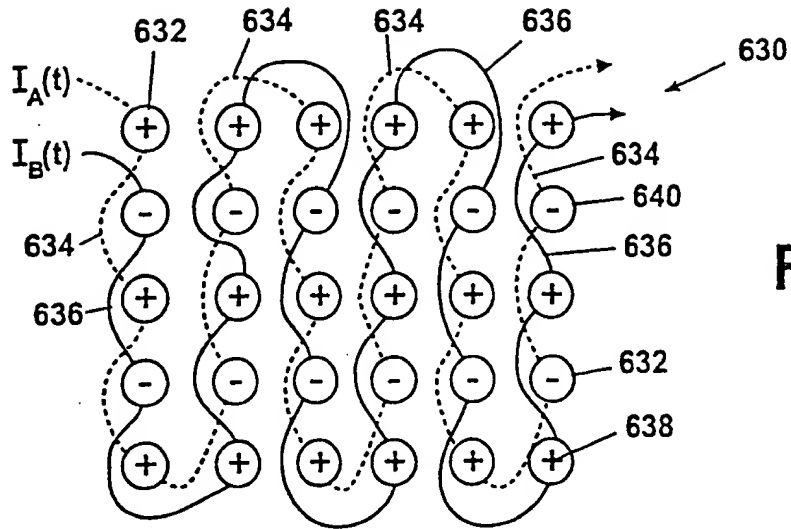


Fig. 19



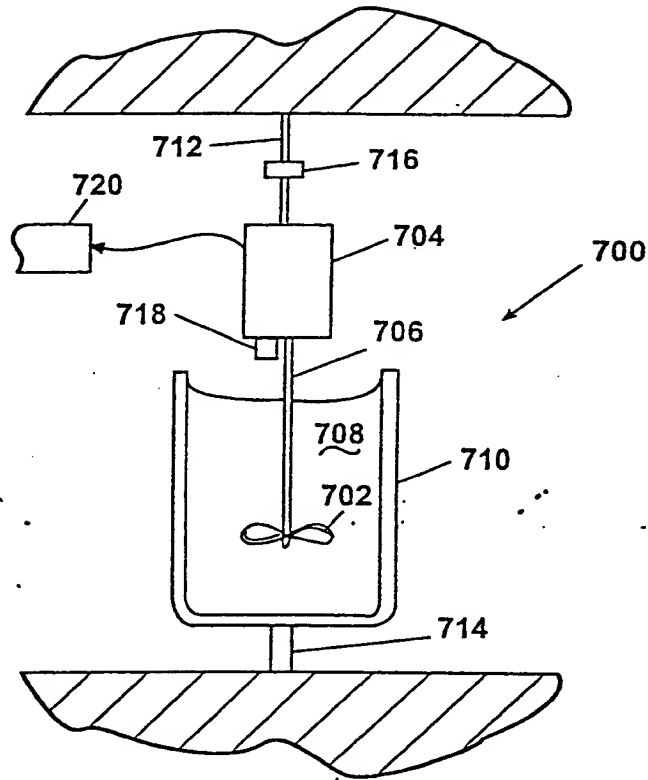


Fig. 23

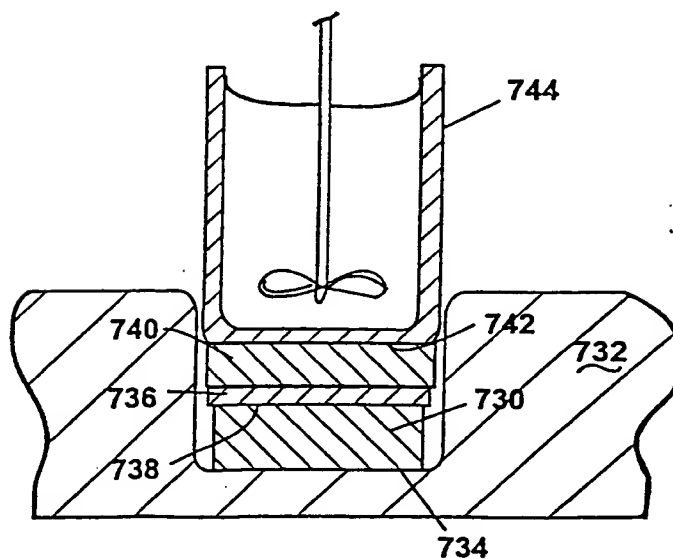


Fig. 24

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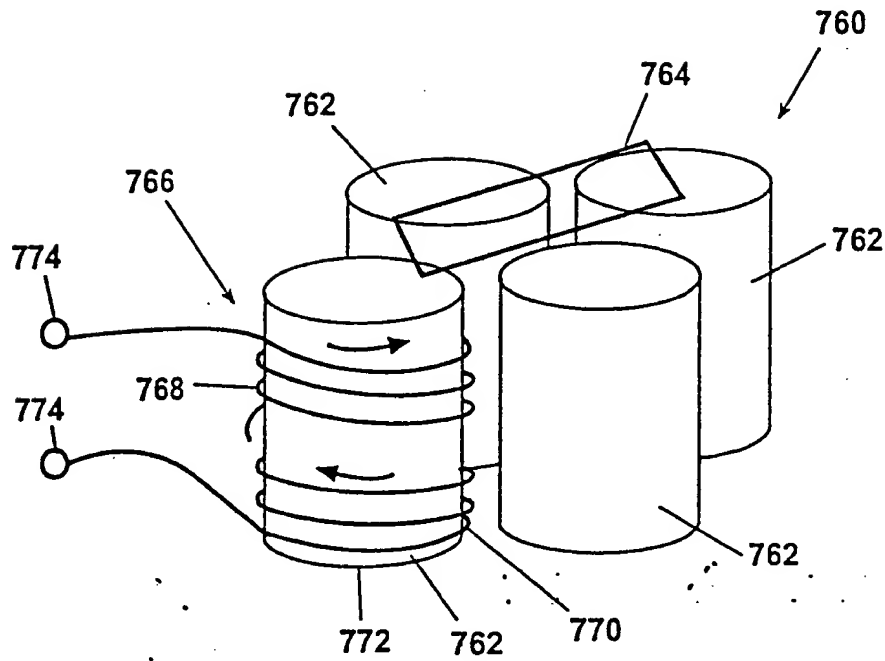


Fig. 25

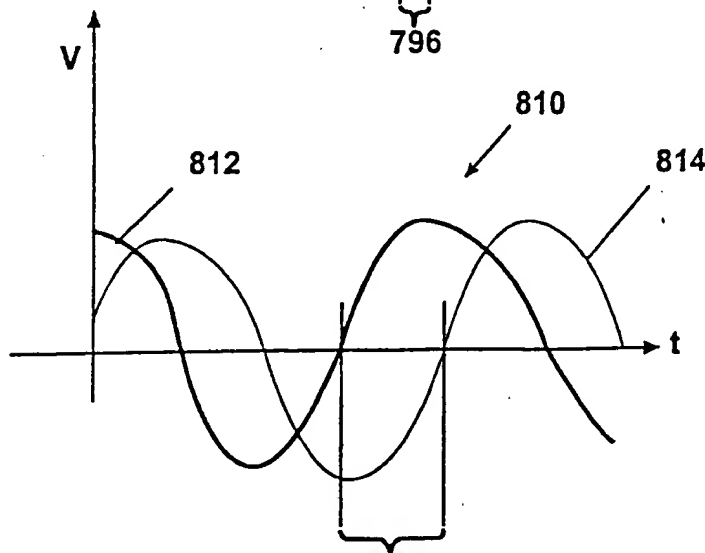
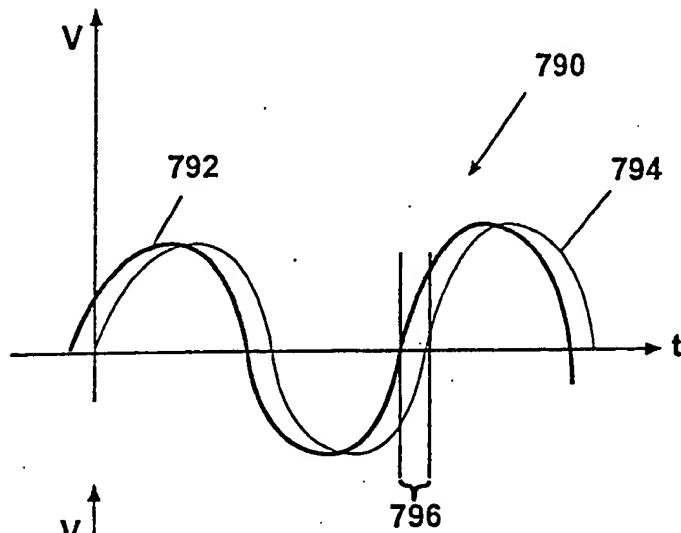


Fig. 26

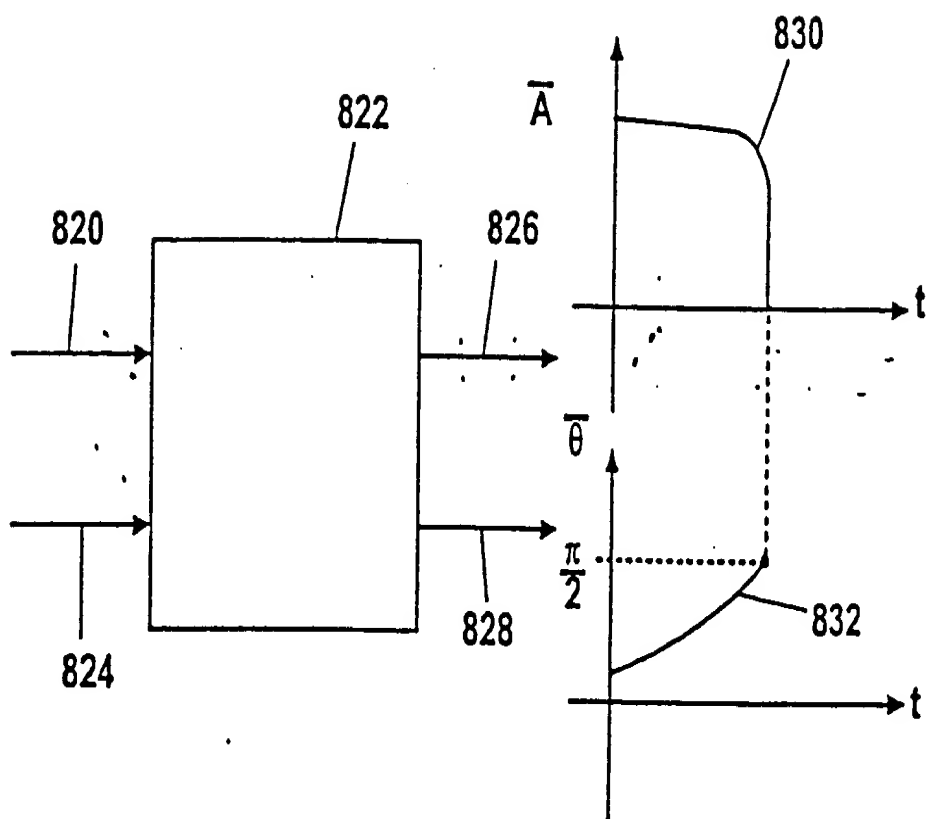


Fig 27

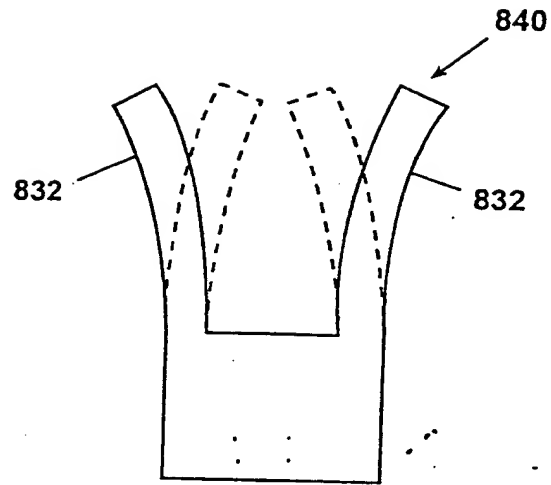


Fig. 28

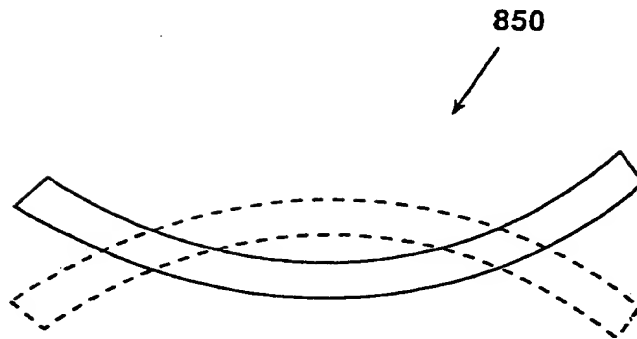


Fig. 29

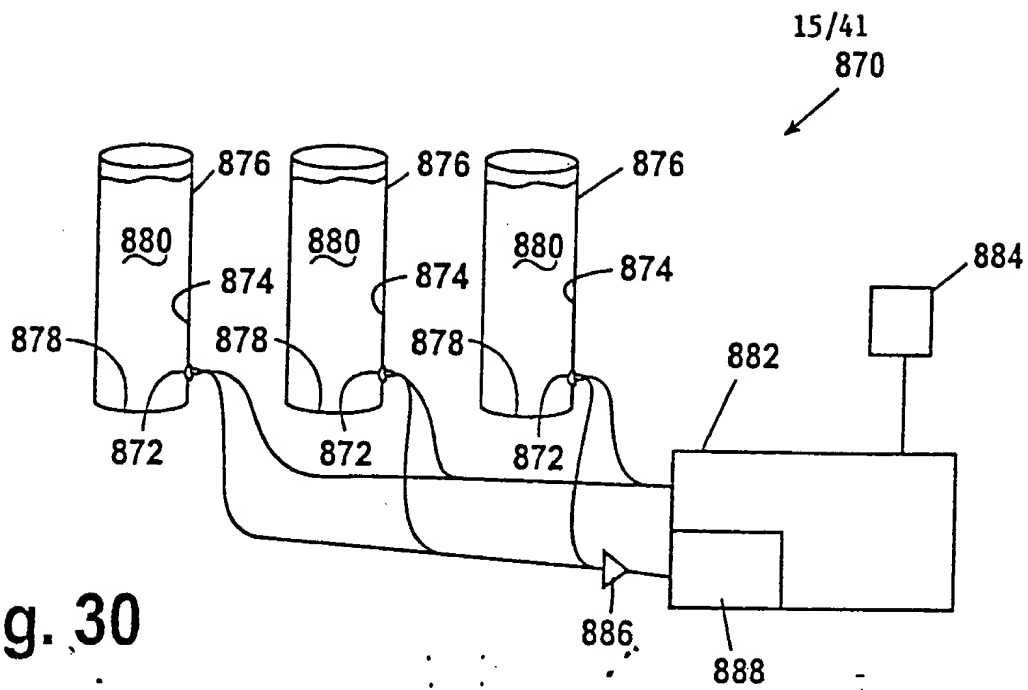


Fig. 30

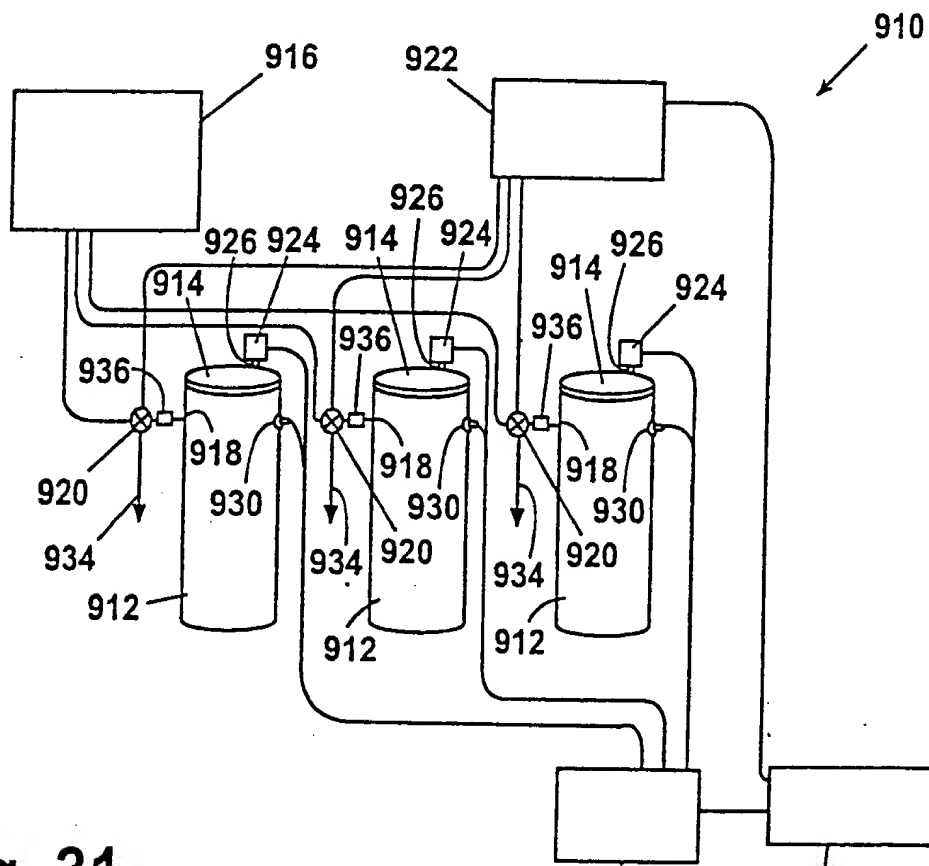


Fig. 31

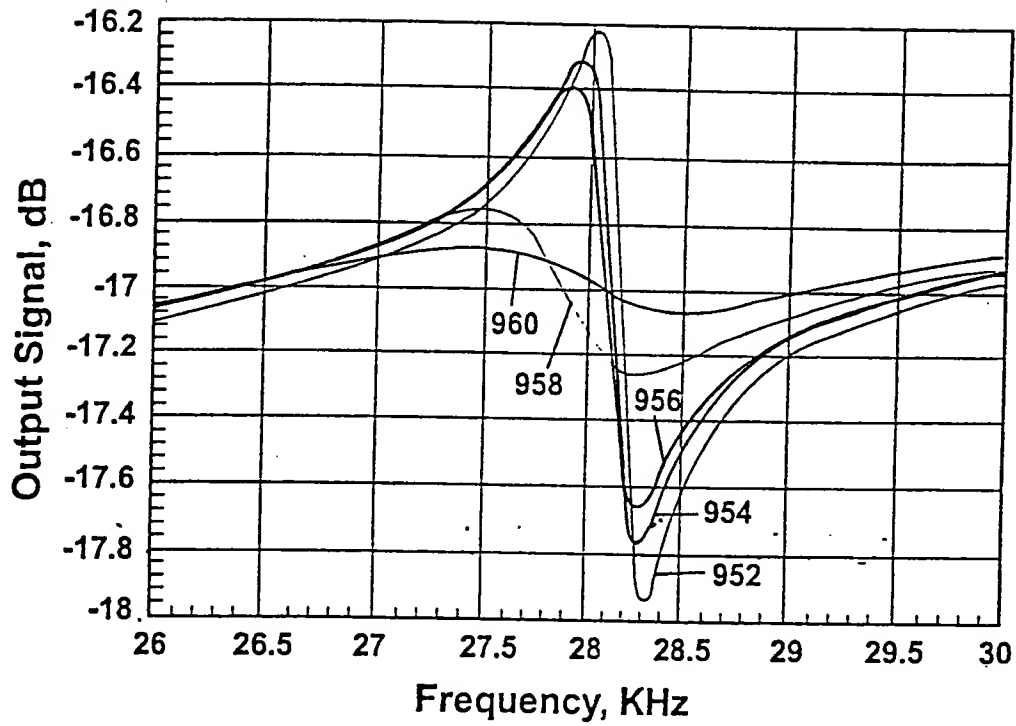
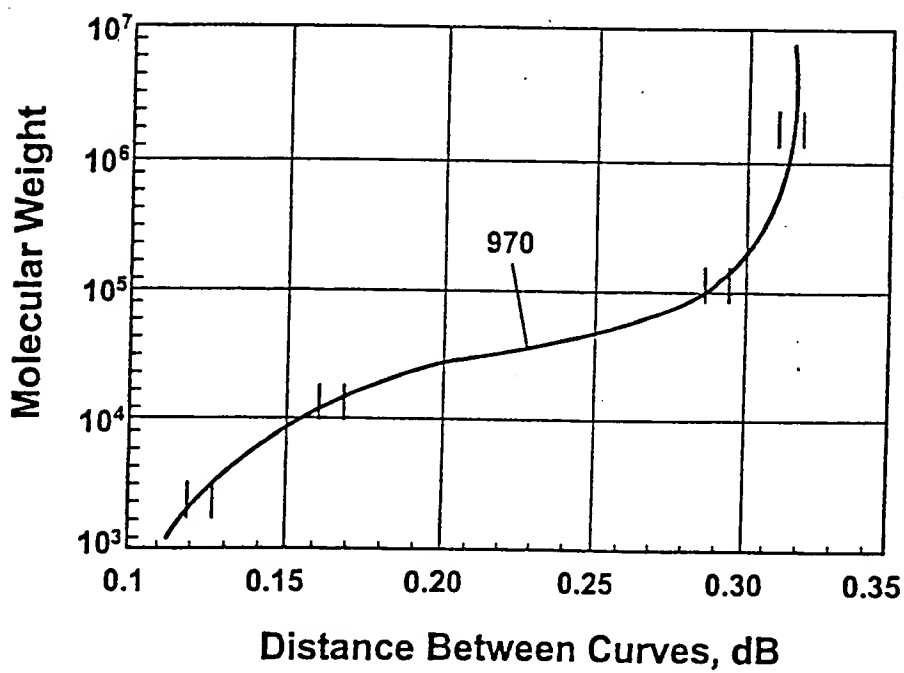


Fig. 32





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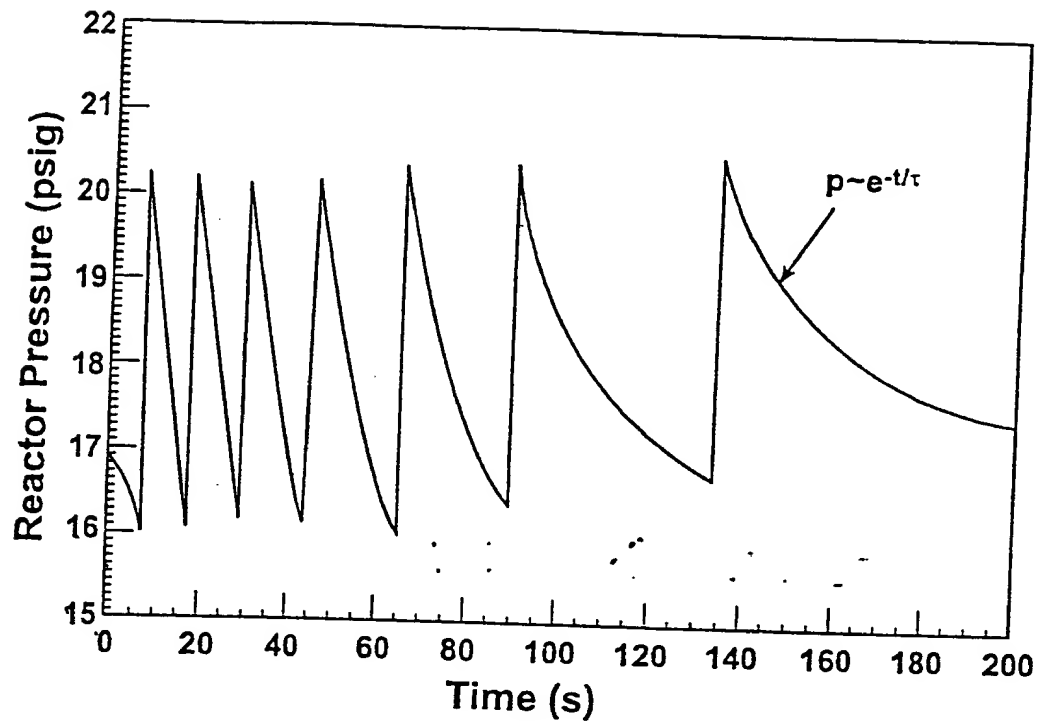


Fig. 34

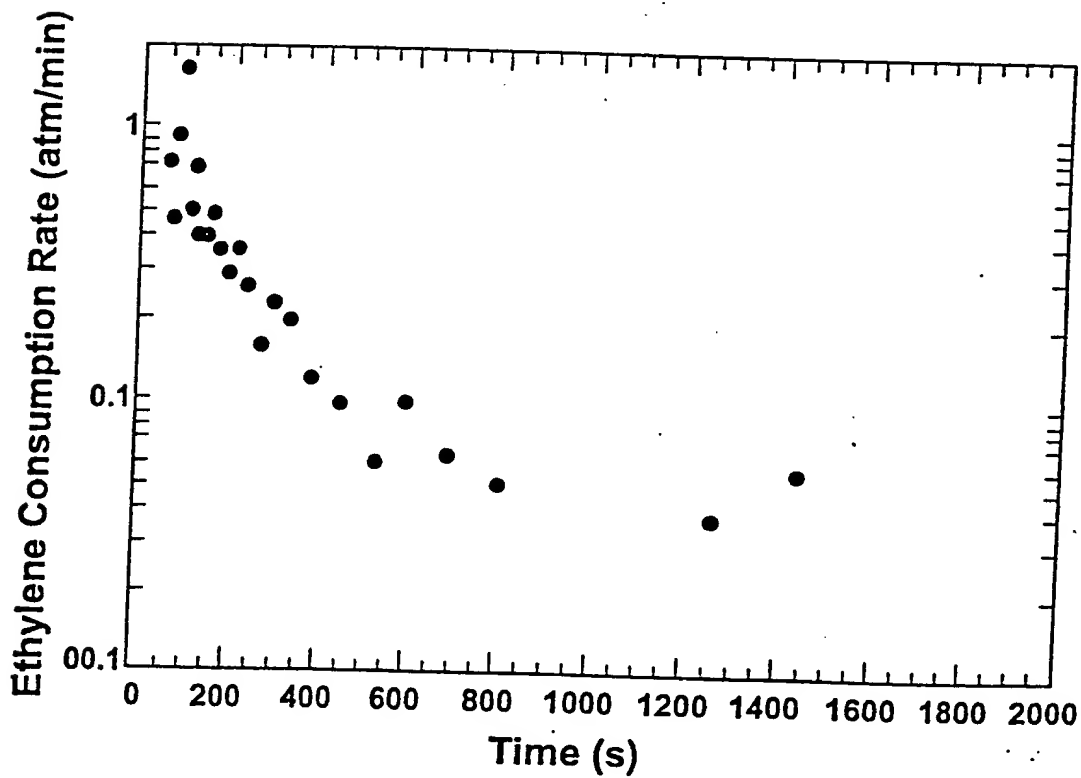


Fig. 35

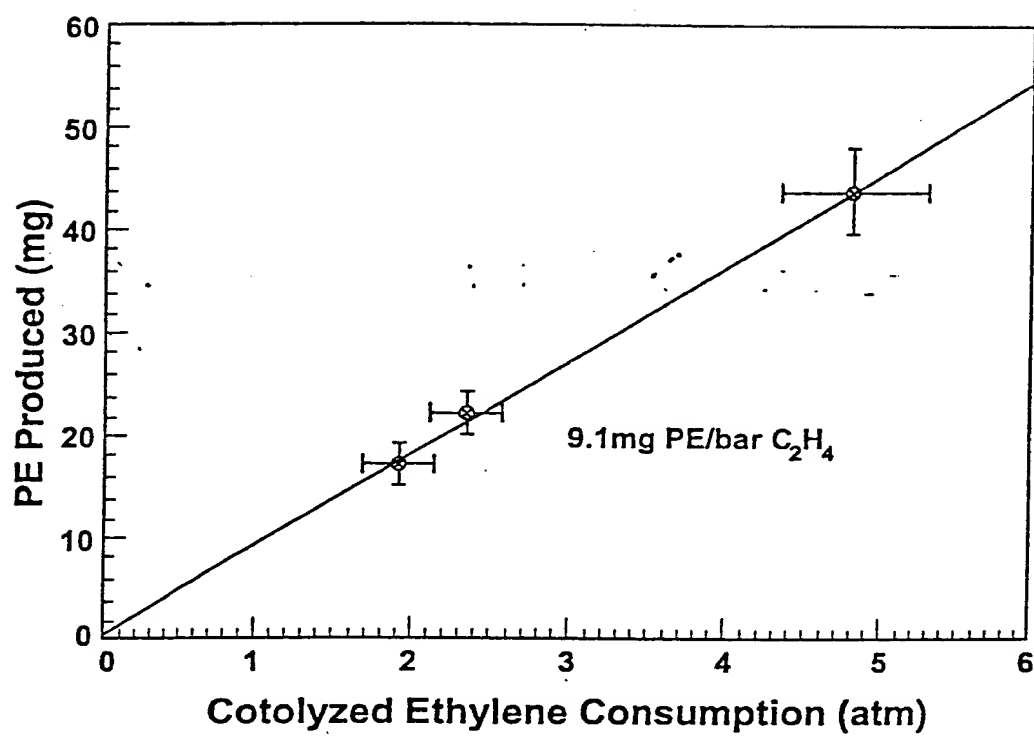


Fig. 36

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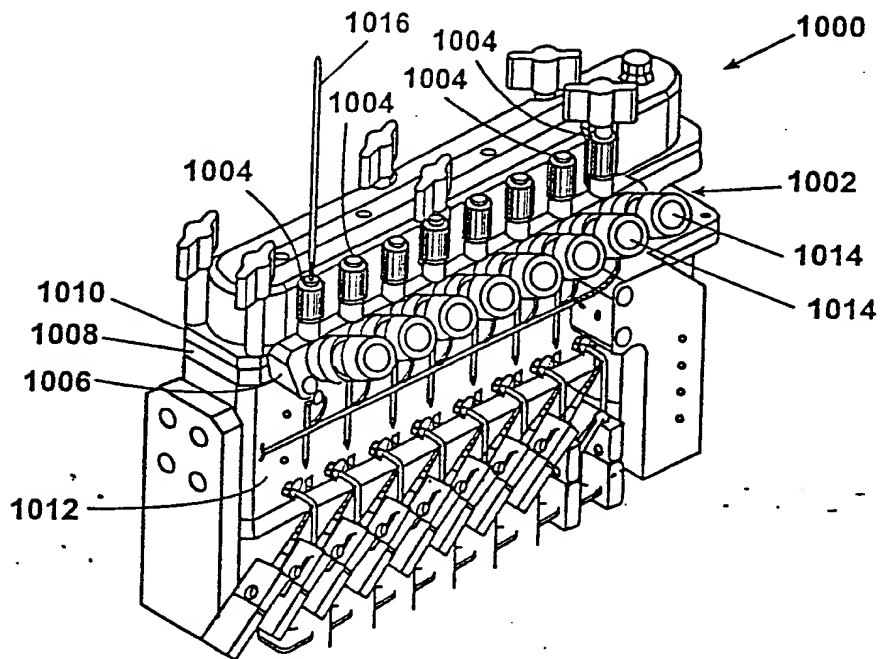


Fig. 37

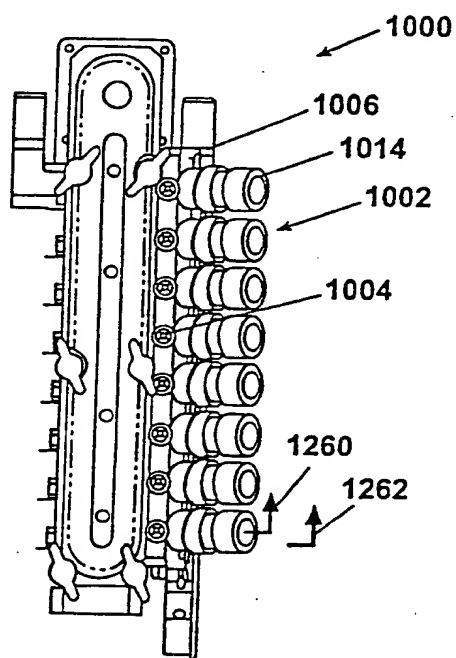


Fig. 46

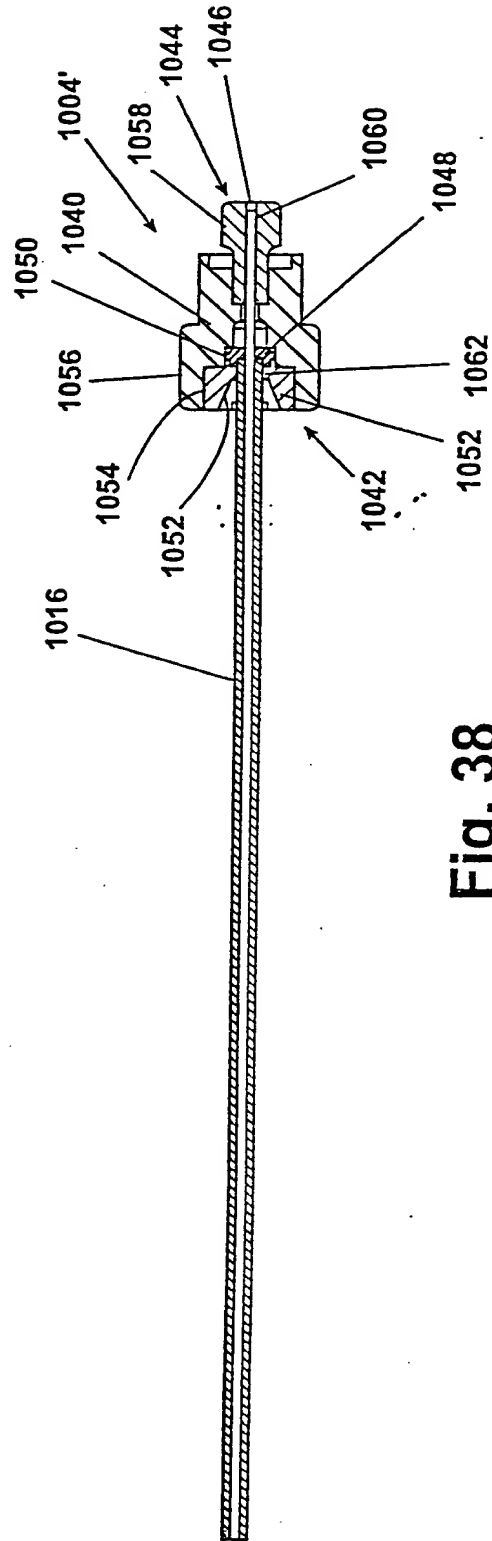


Fig. 38

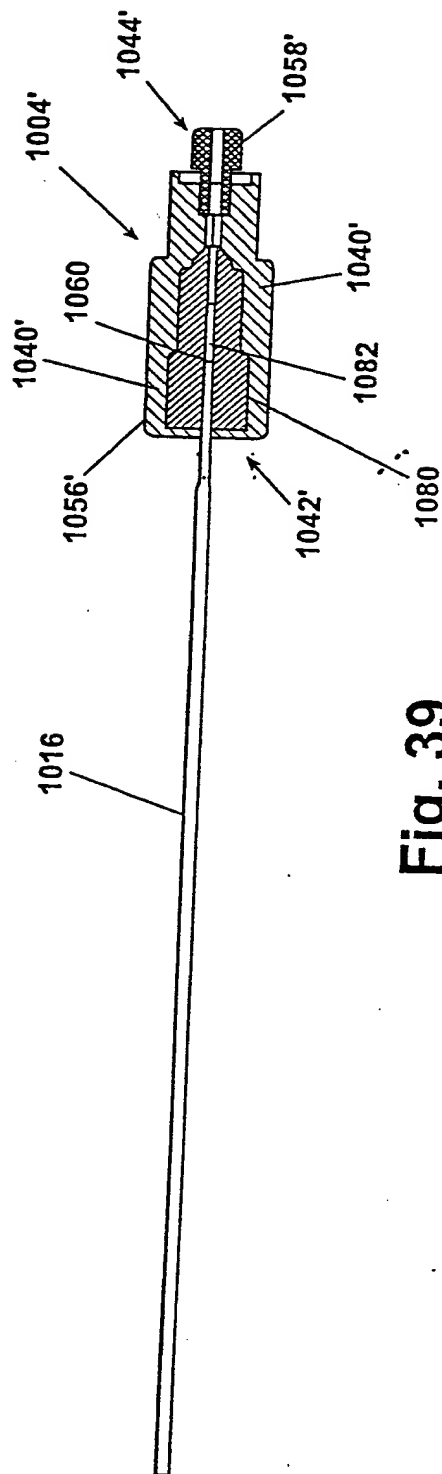


Fig. 39

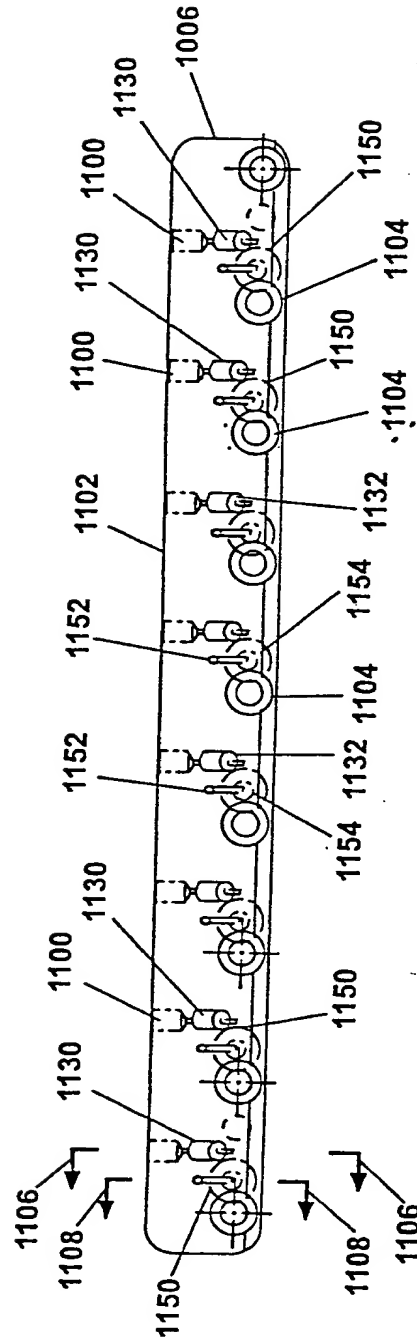


Fig. 40

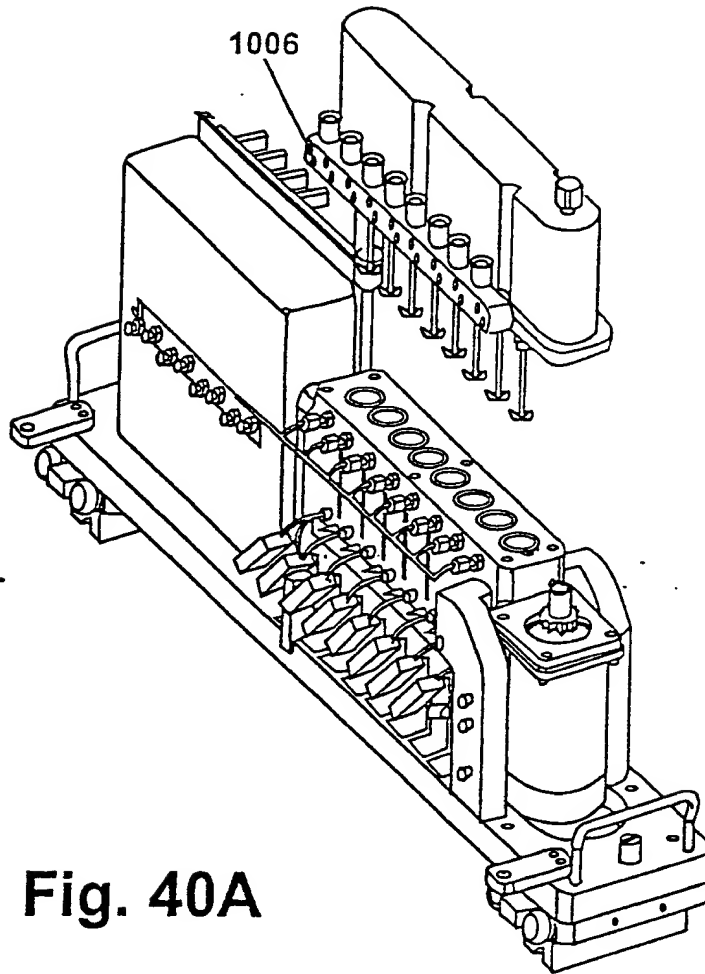


Fig. 40A

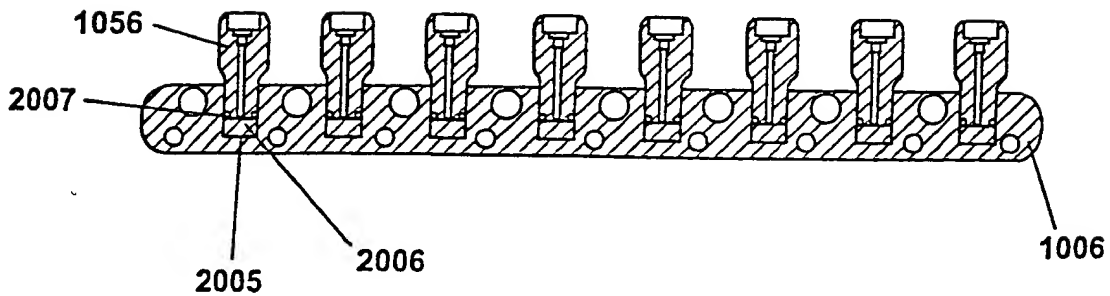


Fig. 40B

Fig. 41

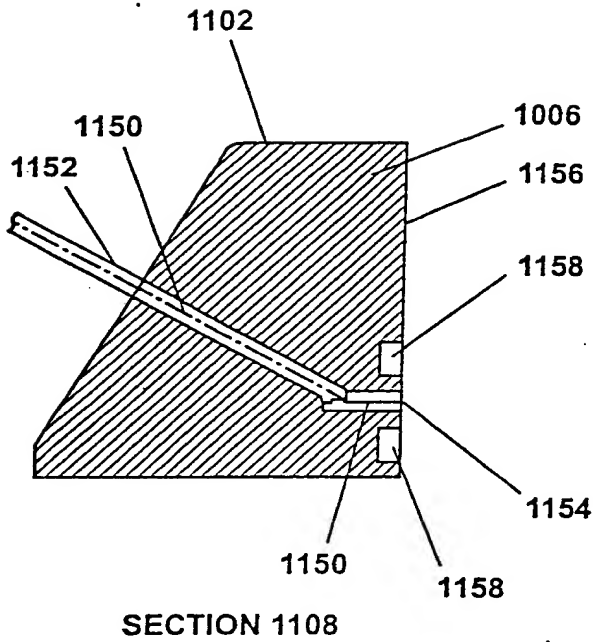
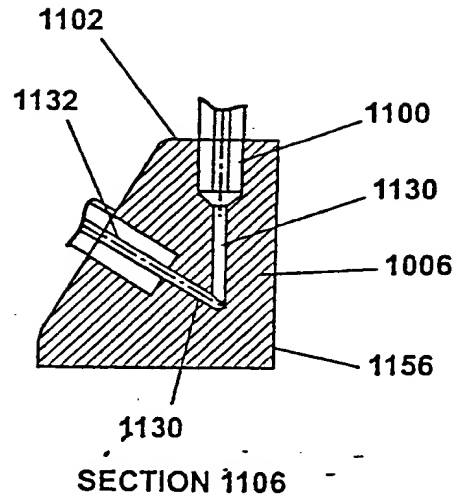


Fig. 42



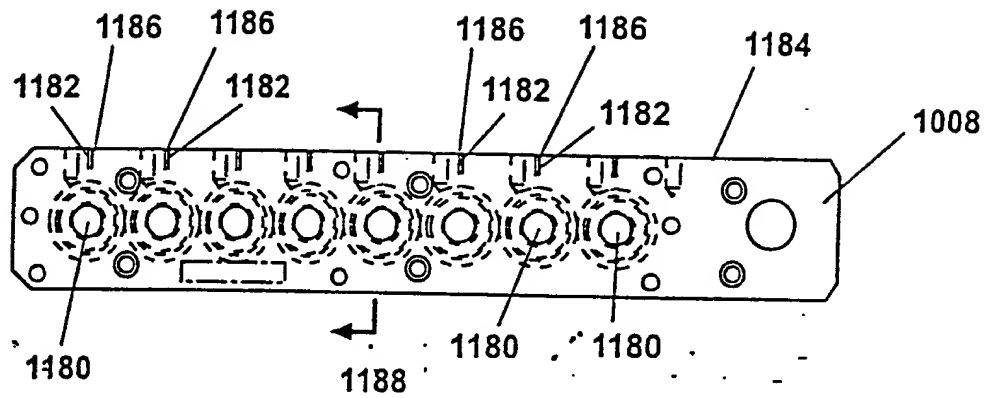
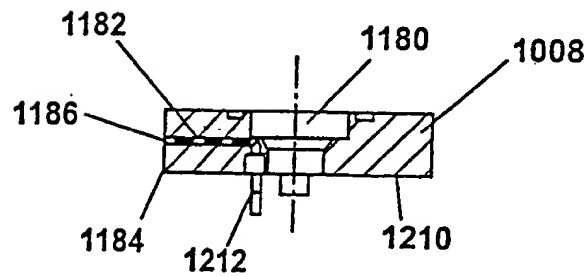


Fig. 43



SECTION 1188

Fig. 44

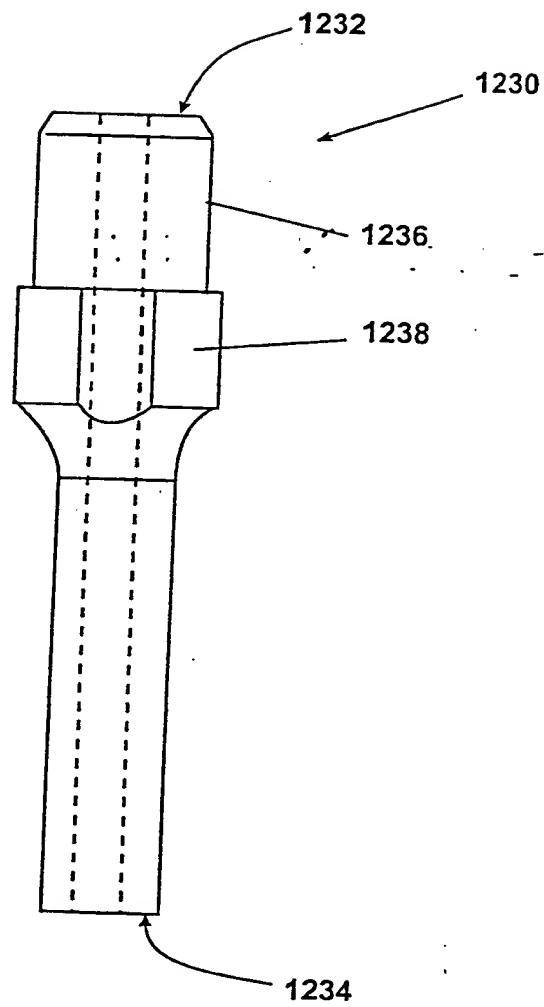
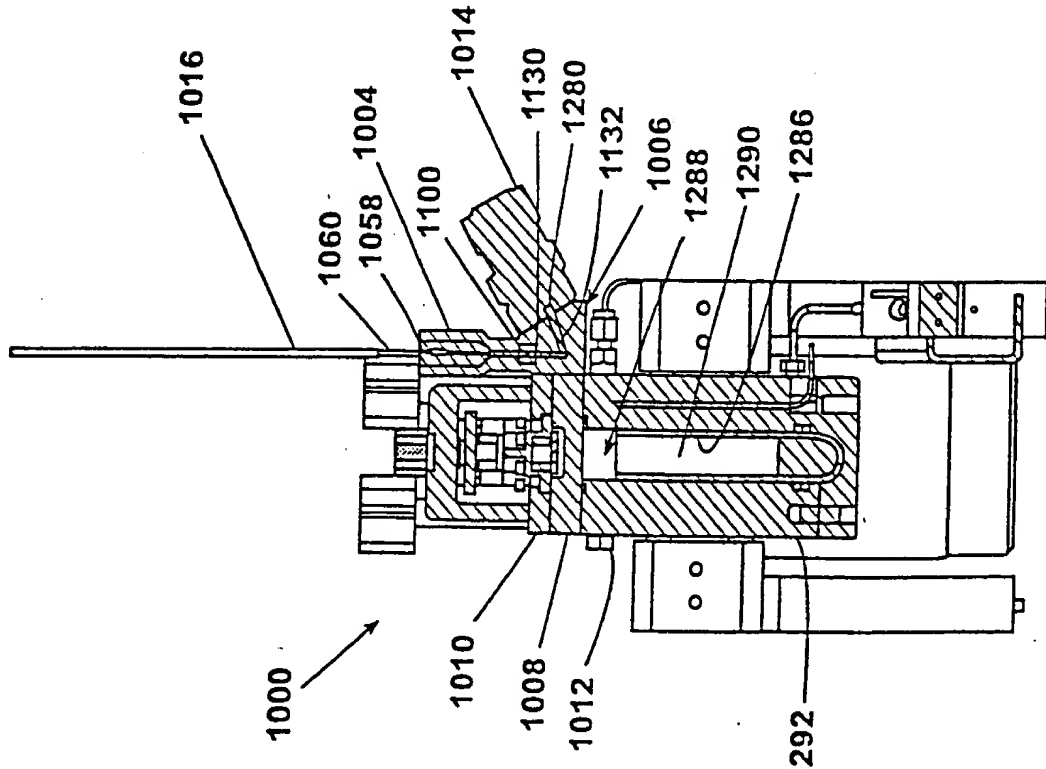


Fig. 45



**Fig. 48**

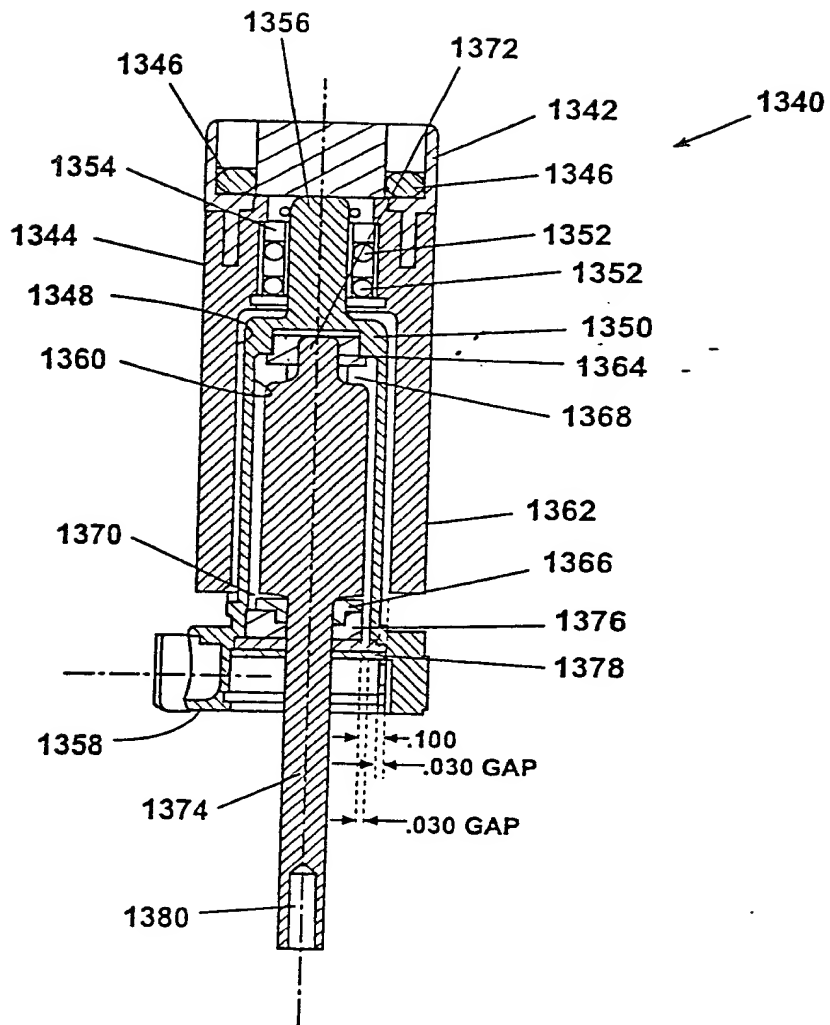


Fig. 49

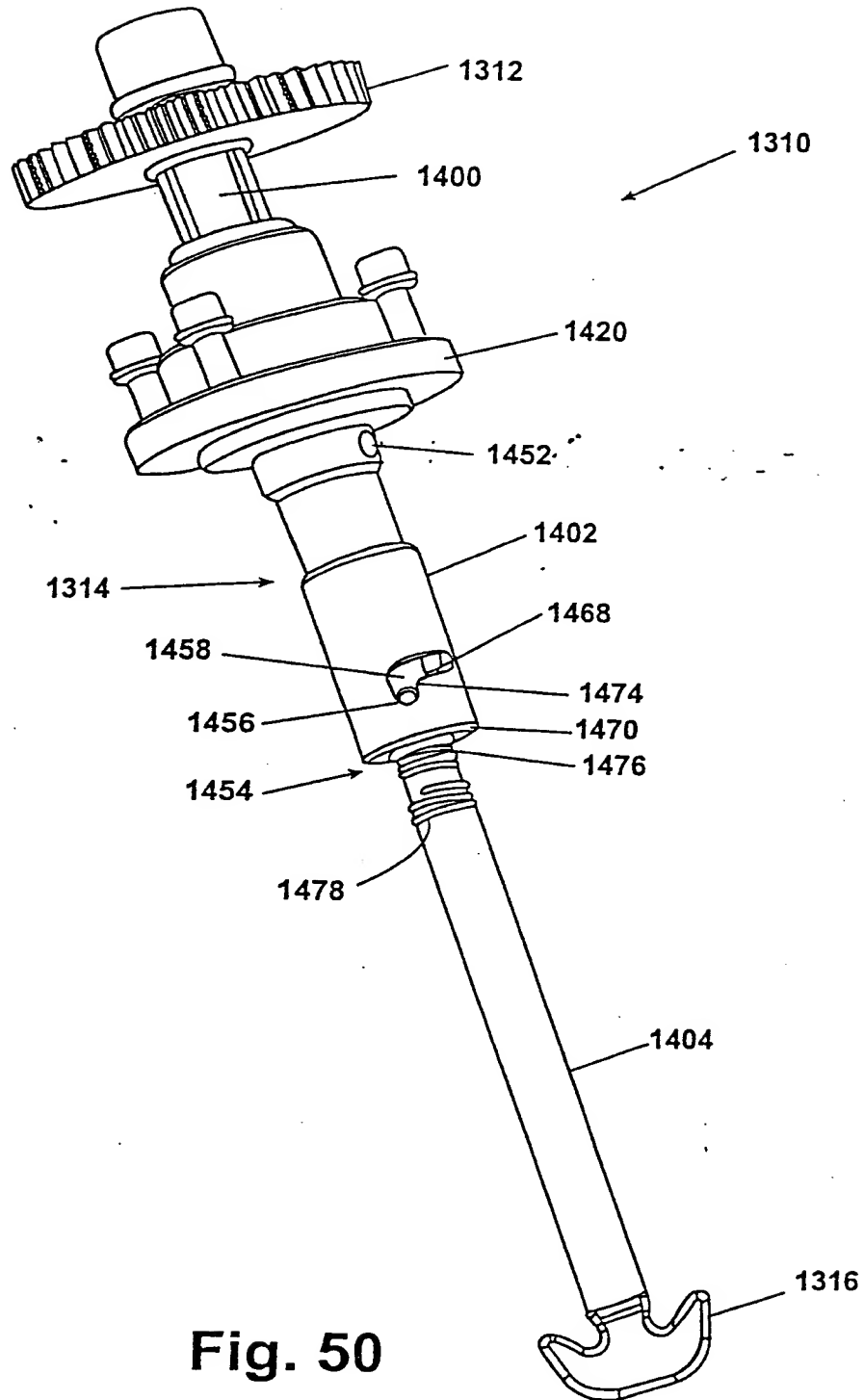


Fig. 50

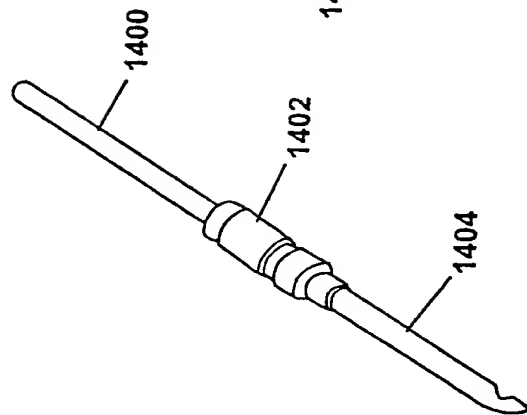


Fig. 50A

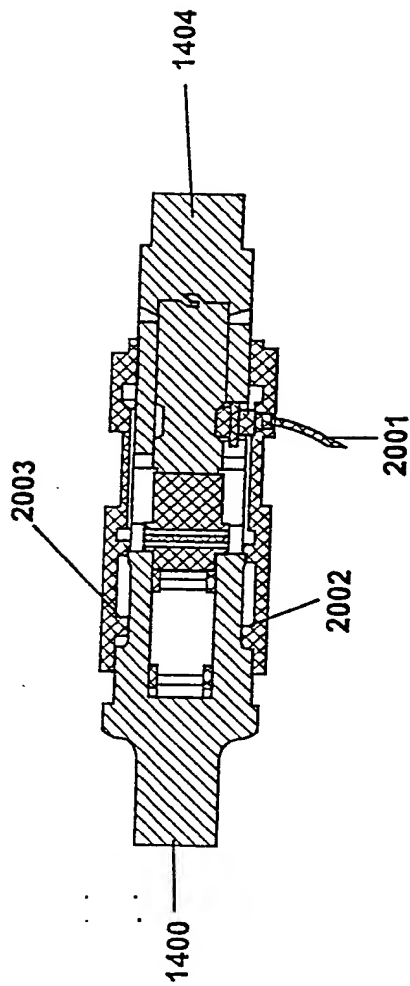


Fig. 50B

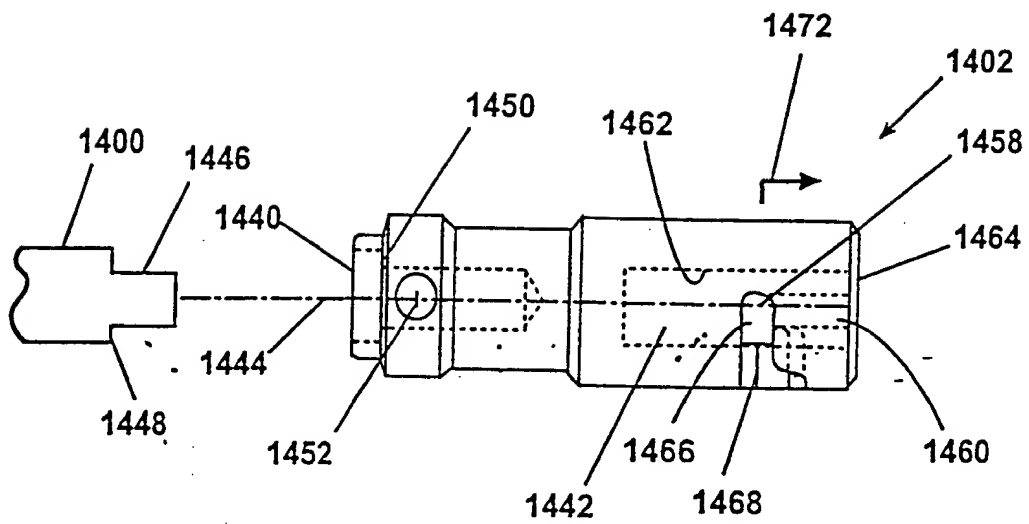
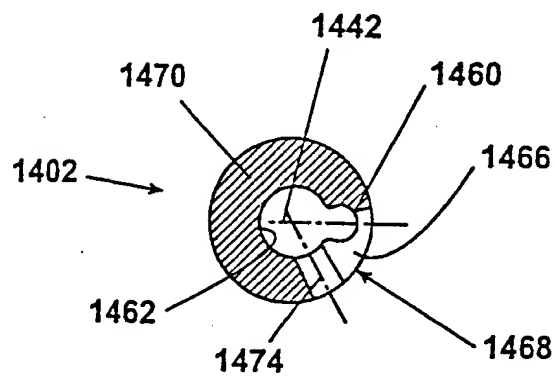


Fig. 51



SECTION 1472

Fig. 52

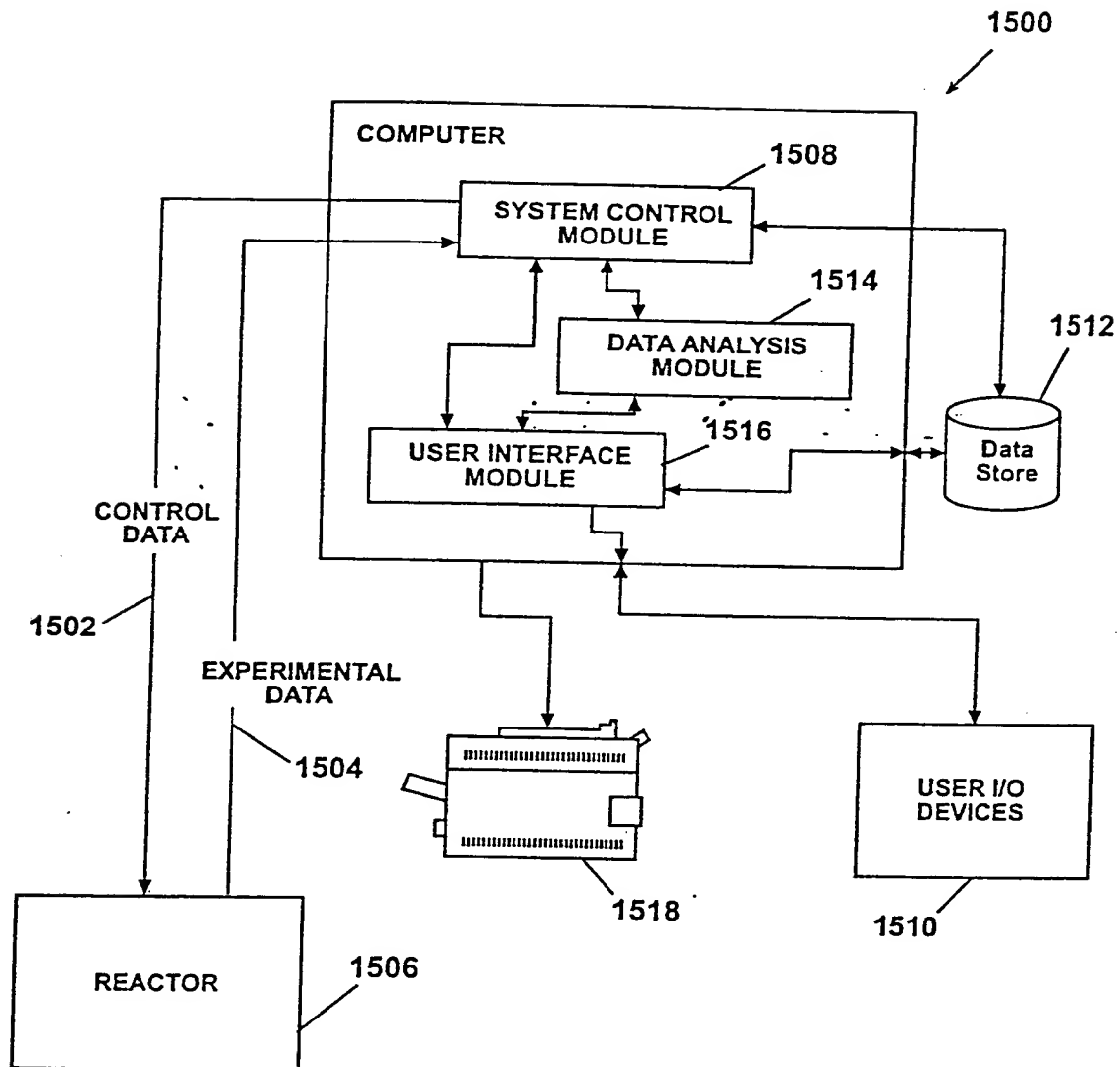


Fig. 53



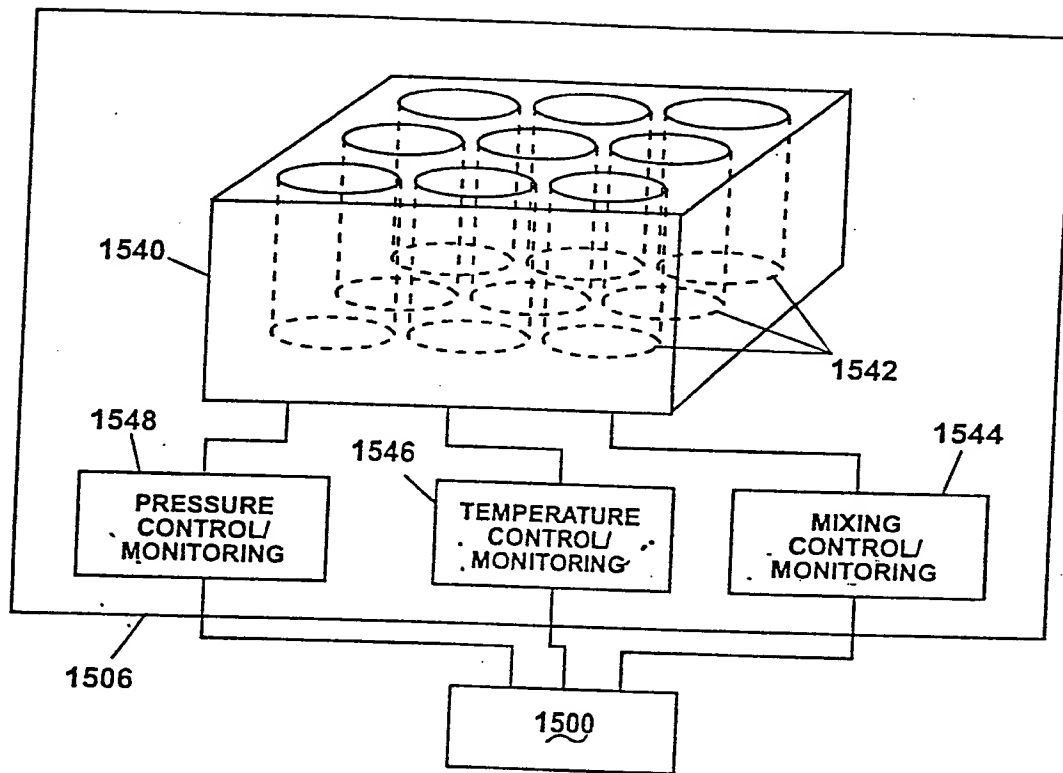


Fig. 54

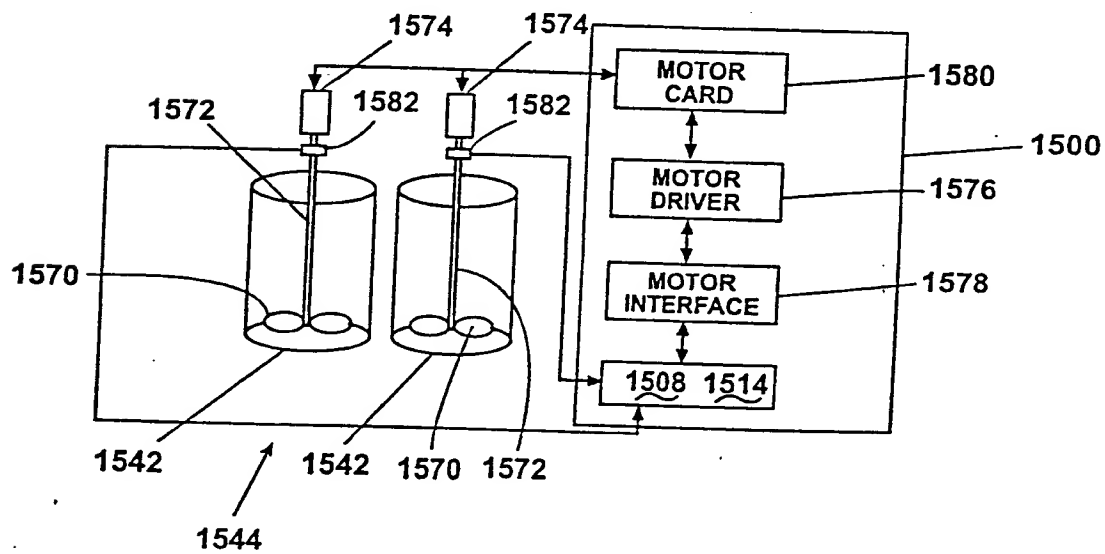


Fig. 55

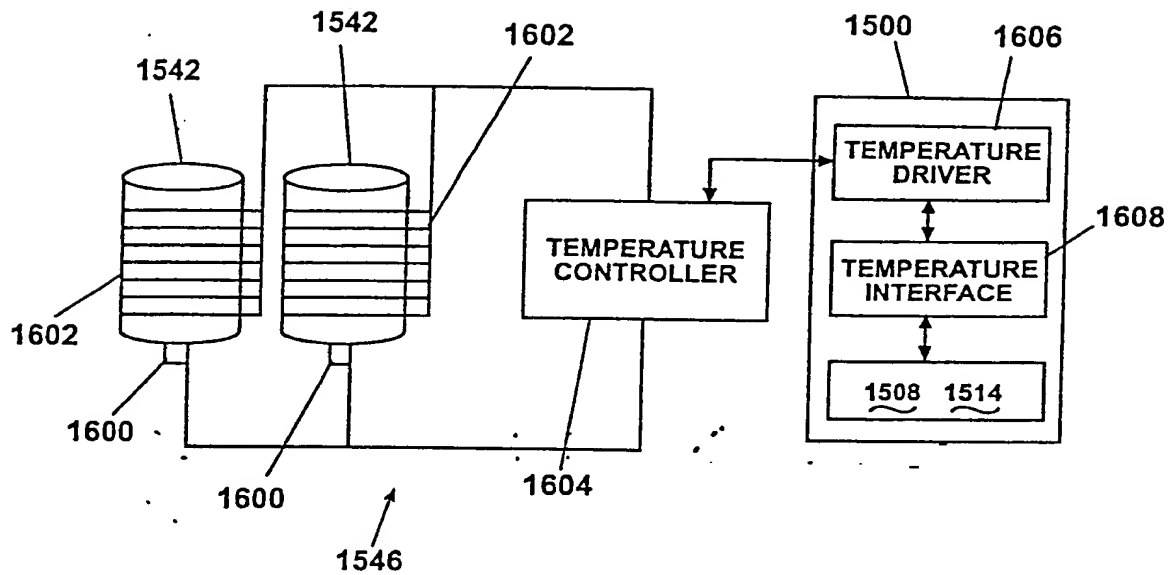


Fig. 56

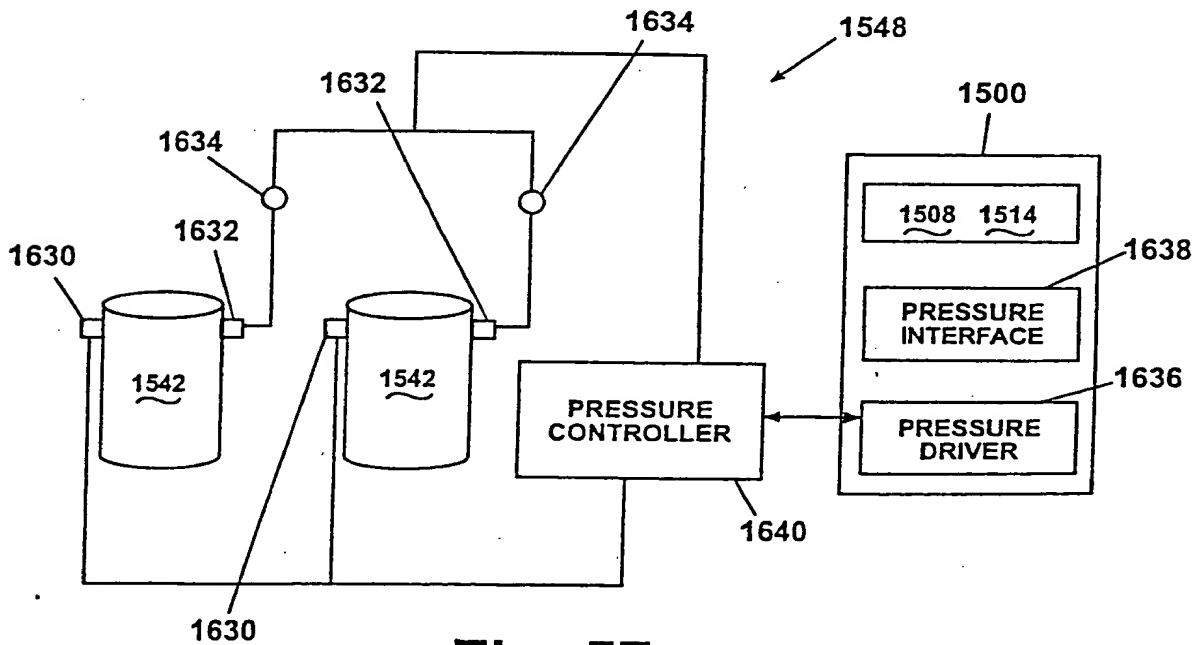
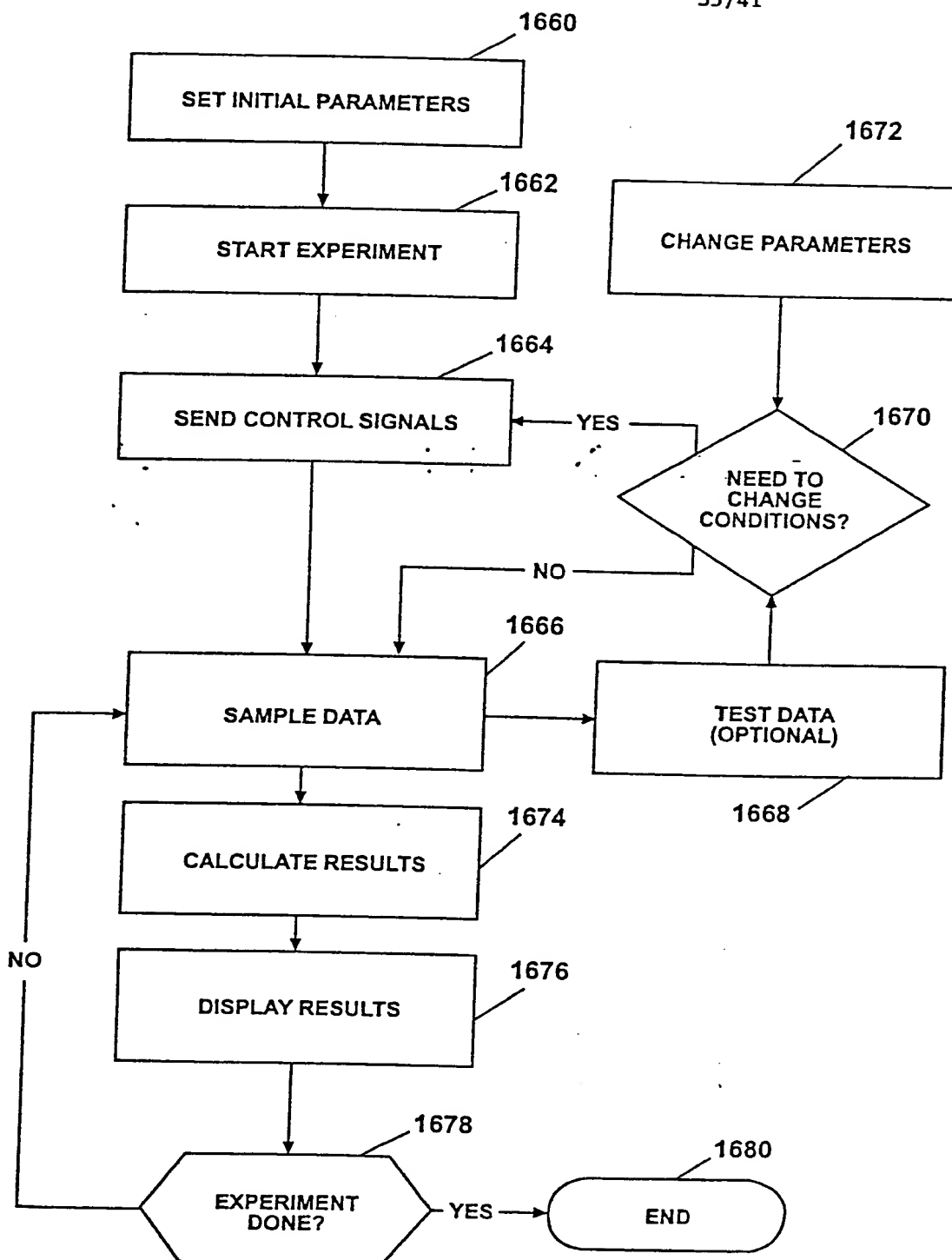


Fig. 57

**Fig. 58**

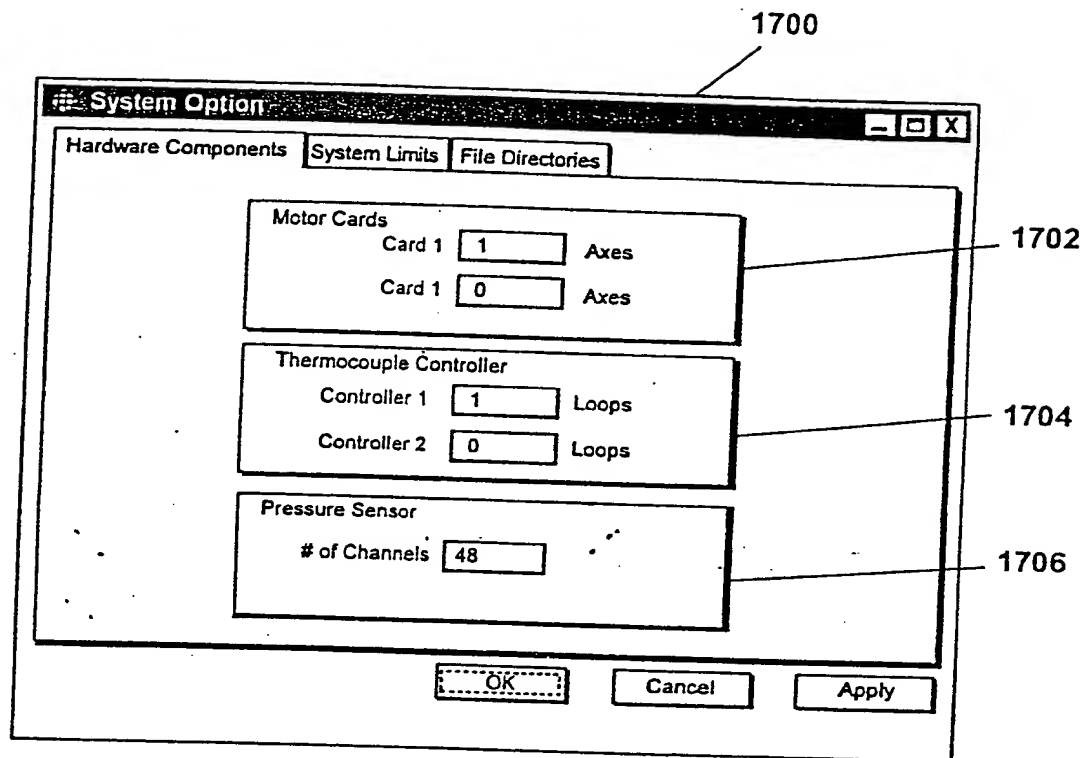


Fig. 59

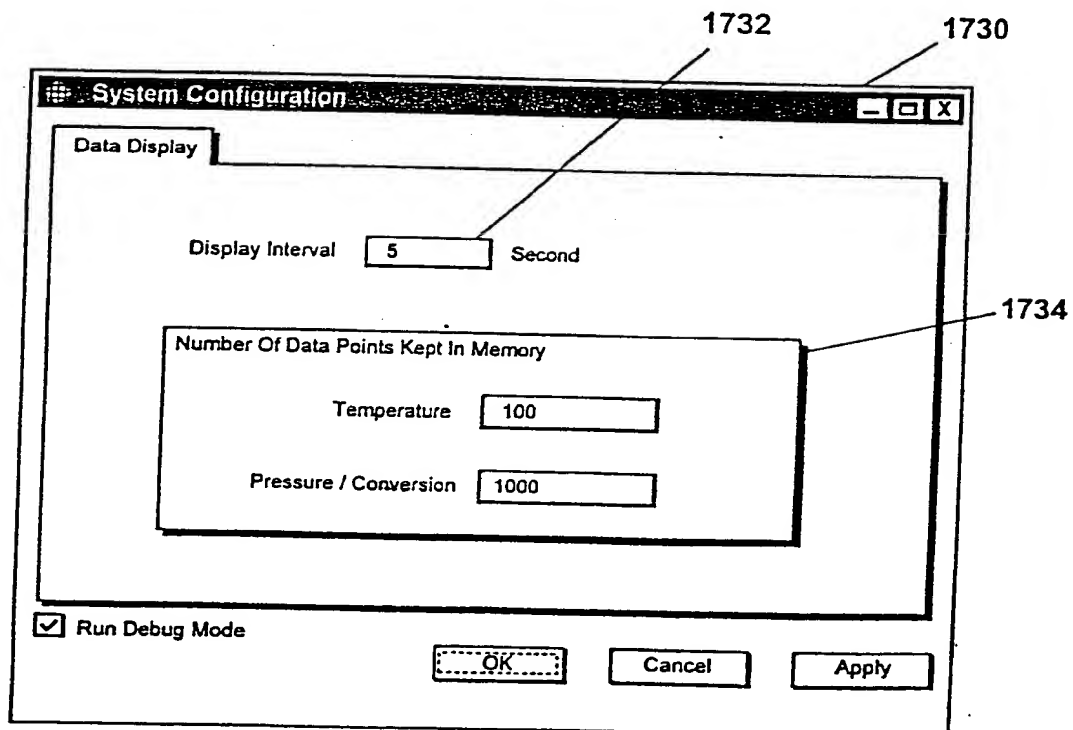


Fig. 60

1760

**Reactor Setup**

1762

**Motor**

Speed  RPM

Safety Limit (RPM): 3200

☐ Single Direction

☐ Dual Direction

Experiment Time  Minute

1764

**Heater**

Set Point  F 1776

Safety Limit: 392

Turn Off Temp.  F 1768

Sample Rate  Hz 1770

Maximum (Hz): 0.1

1772

1774

**Pressure**

P<sub>set</sub>  psi

Safety Limit (psi): 100

Sample Rate  Hz

Maximum (Hz): 5

Fig. 61

1800

**Temperature**

**Setpoints**

1 2 3 4 5 6

Unit F

Safety Limit: 392 F

☐ Undo Gradient

1802

1802

Fig. 62

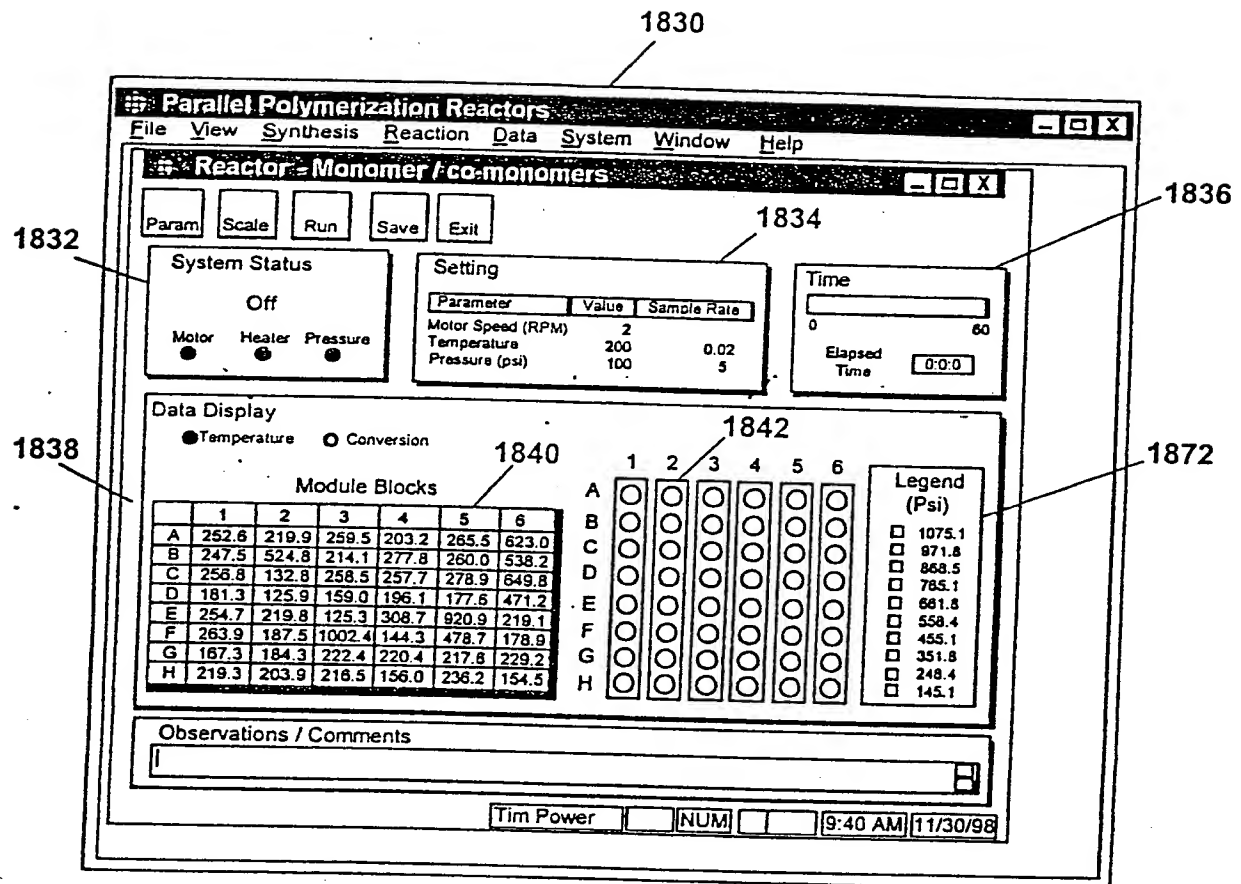


Fig. 63

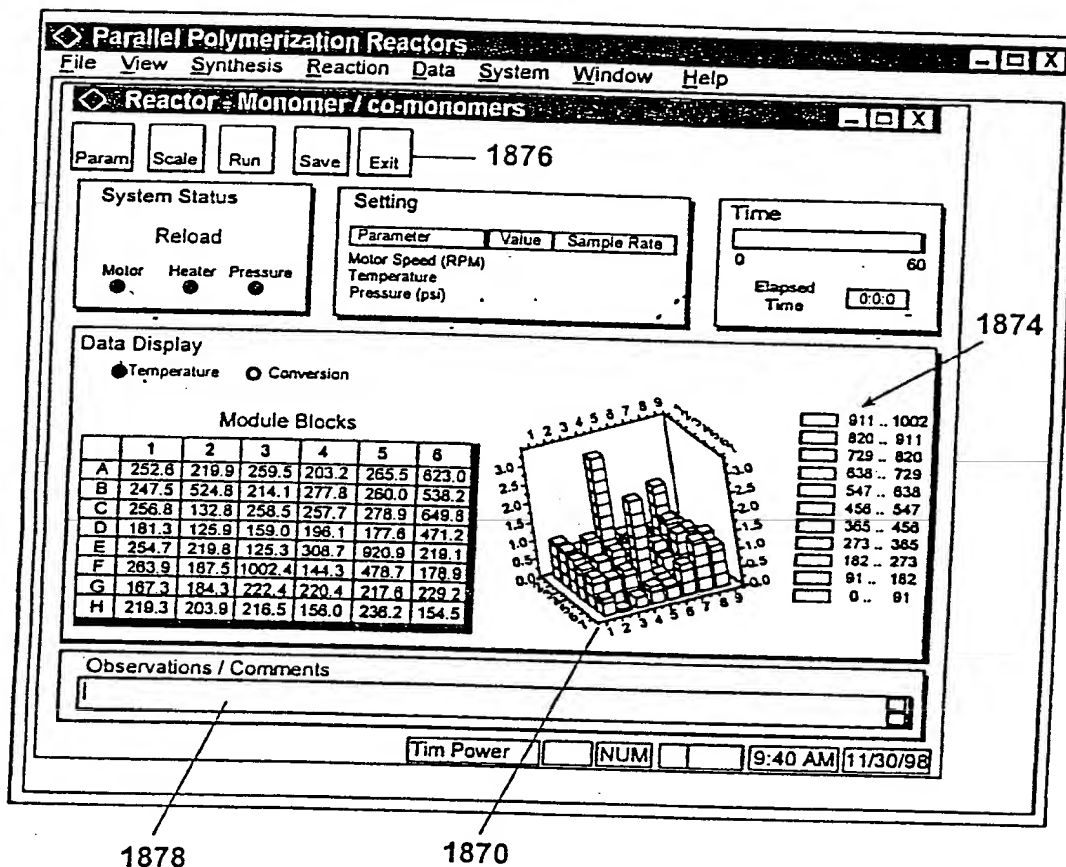


Fig. 64

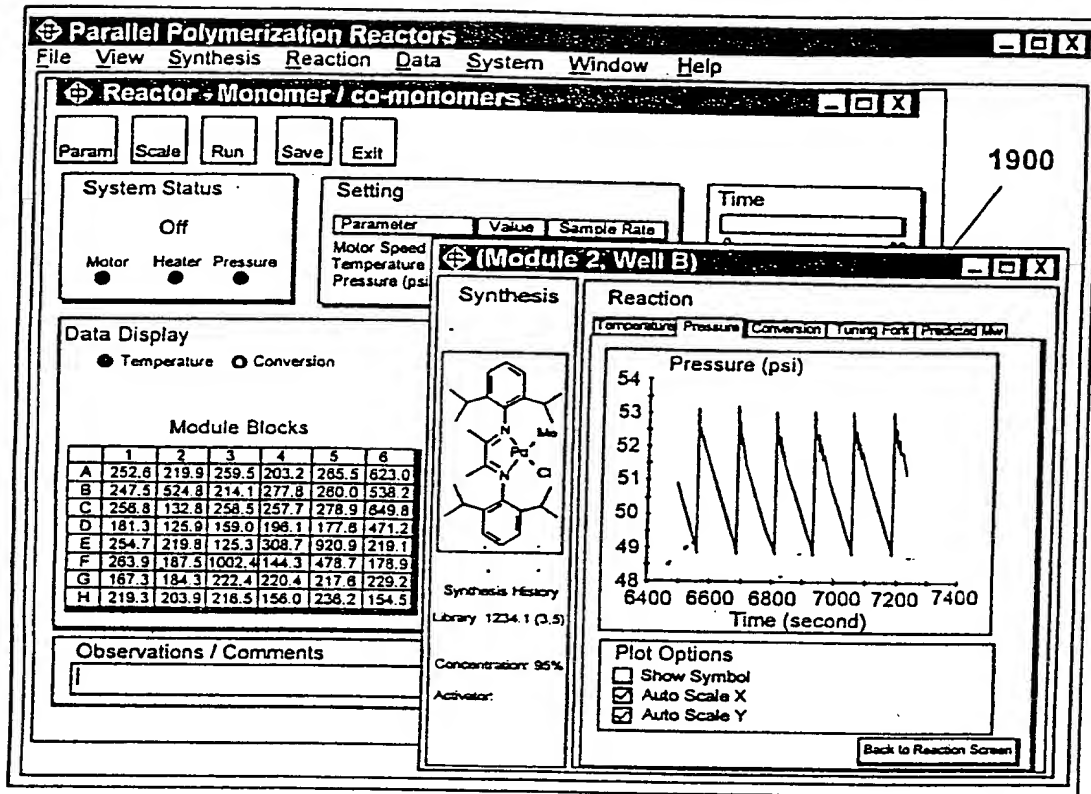


Fig. 65

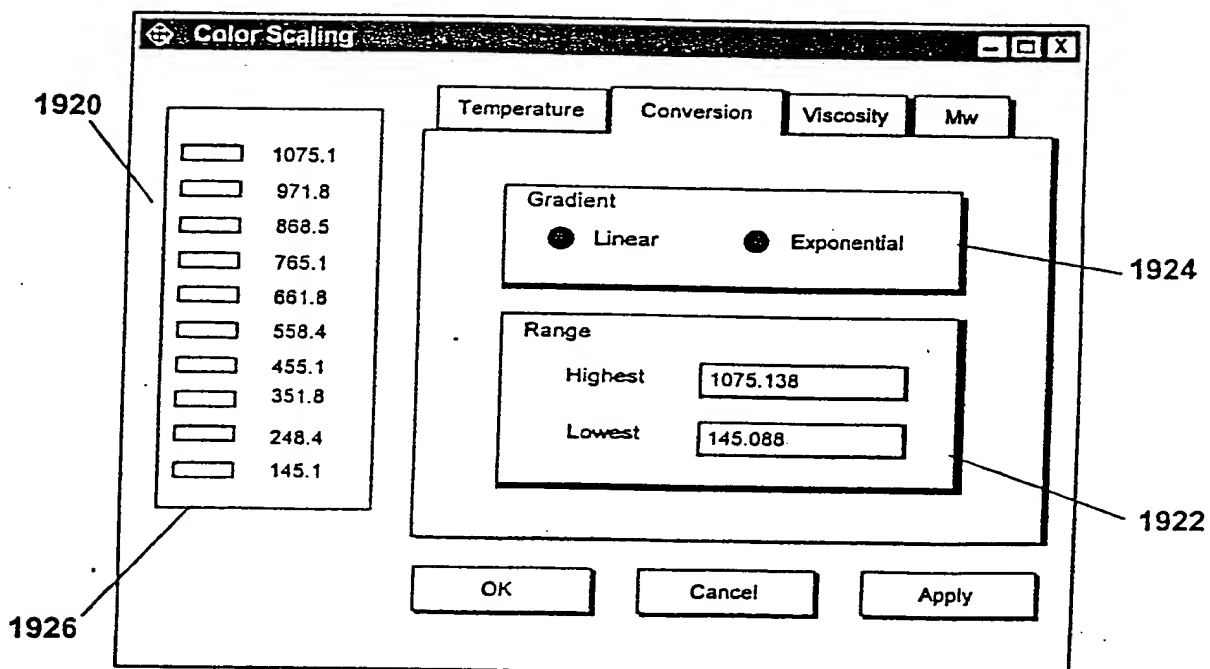


Fig. 66



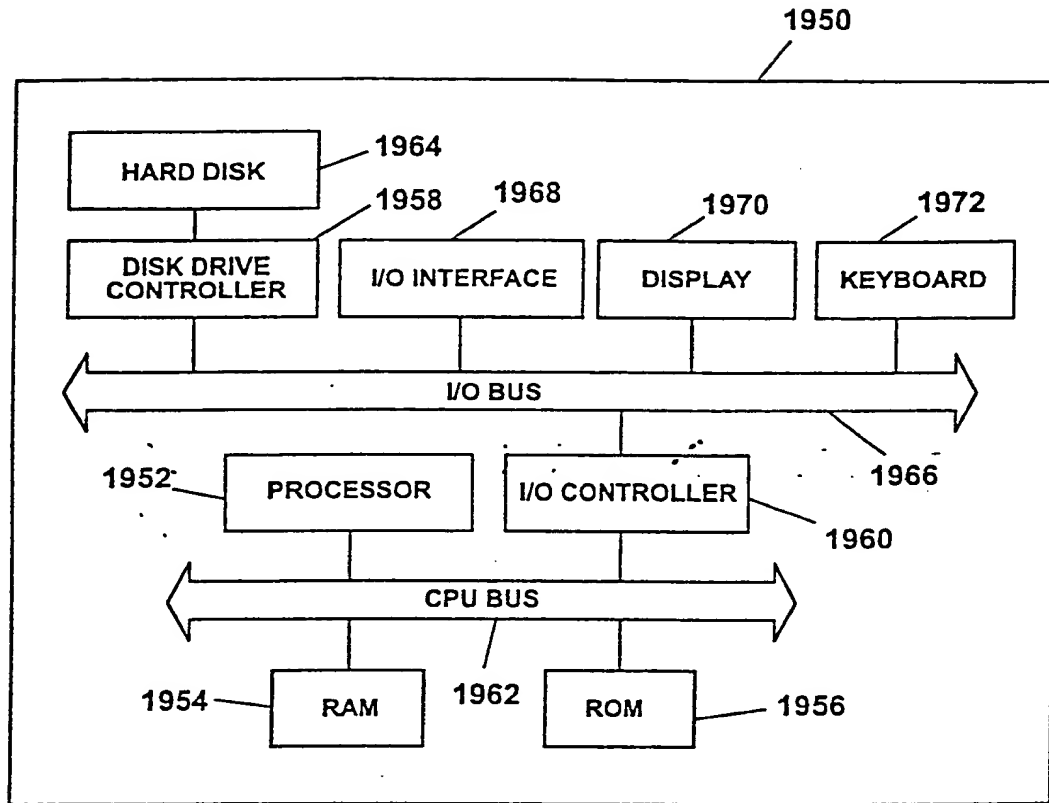


Fig. 67